Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A1	GABLE I Gable I Gable COMMON	1	Gable 1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:05 2019 Page 1
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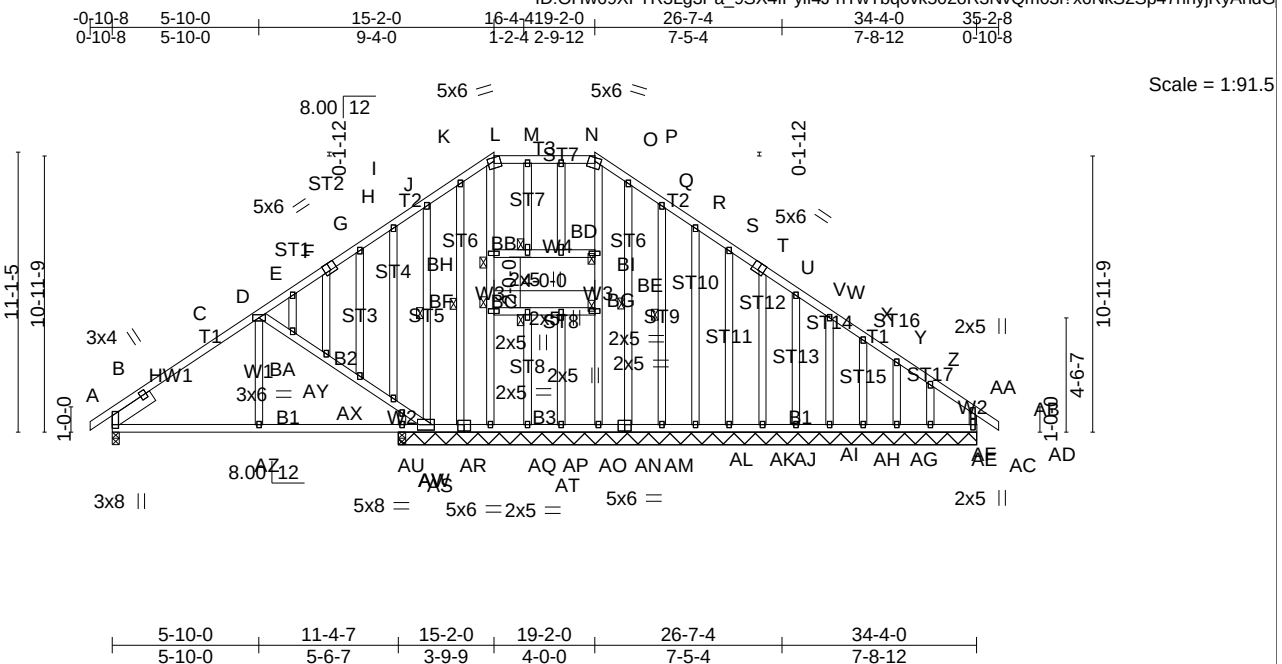

Plate Offsets (X,Y)-- [F:0-2-2,0-0-0], [G:0-3-0,Edge], [G:0-0-0,0-1-12], [T:0-3-0,Edge], [T:0-0-0,0-1-12], [U:0-2-2,0-0-0], [AM:0-3-0,0-3-0], [AR:0-3-0,0-3-0], [AT:0-1-12,0-1-3]

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	0.36	Vert(LL)	-0.03	AU-AZ	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.05	AY	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	-0.02	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 343 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 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.): L-O.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: B-AZ,AU-AZ,AS-AU.
WEBS 1 Row at midpt J-AT, K-AR, P-AM, Q-AL
JOINTS 1 Brace at Jt(s): AY, BB, BC, BF, BG, BH, BI

REACTIONS. (lb/size) B=532/0-3-8, AR=105/22-11-9, AQ=207/22-11-9, AN=213/22-11-9, AC=114/22-11-9, AP=33/22-11-9, AO=30/22-11-9, AM=89/22-11-9, AL=106/22-11-9, AK=107/22-11-9, AJ=107/22-11-9, AI=107/22-11-9, AH=107/22-11-9, AS=121/22-11-9, AU=565/22-11-9, AU=565/22-11-9, AG=106/22-11-9, AF=108/22-11-9, AE=101/22-11-9, AD=127/22-11-9
Max Horz B=283(LC 9)
Max Uplift B=-81(LC 10), AR=-11(LC 10), AQ=-32(LC 7), AN=-13(LC 7), AC=-74(LC 7), AM=-11(LC 11), AL=-45(LC 11), AK=-44(LC 11), AJ=-42(LC 11), AI=-42(LC 11), AH=-43(LC 11), AS=-127(LC 10), AU=-51(LC 10), AG=-41(LC 11), AF=-48(LC 11), AE=-16(LC 11), AD=-130(LC 11)
Max Grav B=533(LC 21), AR=126(LC 17), AQ=228(LC 20), AN=224(LC 20), AC=137(LC 17), AP=61(LC 3), AO=57(LC 3), AM=104(LC 18), AL=115(LC 18), AK=113(LC 18), AJ=114(LC 18), AI=113(LC 18), AH=114(LC 18), AS=161(LC 17), AU=625(LC 3), AU=565(LC 1), AG=112(LC 18), AF=119(LC 18), AE=102(LC 22), AD=193(LC 18)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-106/11, C-D=-482/185, D-E=-135/199, E-F=-118/219, F-G=-119/232, G-H=-119/240, H-I=-115/261, I-J=-219/298, J-K=-240/336, K-L=-240/349, L-M=-220/313, M-N=-220/313, N-O=-220/313, O-P=-244/349, P-Q=-231/334, Q-R=-198/294, R-S=-165/254, S-T=-131/215, T-U=-132/206, U-V=-100/176, V-W=-68/137, W-X=-35/109, X-Y=-34/89, Y-Z=-49/95, Z-AA=-118/139, AA-AB=0/34, AA-AC=-110/62
BOT CHORD B-AZ=-131/468, AU-AZ=-131/468, AS-AU=-131/468, AR-AS=-128/114, AQ-AR=-128/114, AP-AQ=-128/114, AO-AP=-128/114, AN-AO=-128/114, AM-AN=-128/114, AL-AM=-127/114, AK-AL=-127/114, AJ-AK=-127/114, AI-AJ=-127/114, AH-AI=-127/114, AG-AH=-127/114, AF-AG=-127/114, AE-AF=-127/114, AD-AE=-127/114, AC-AD=-127/114, D-BA=-463/153, AY-BA=-496/165, AX-AY=-525/177, AW-AX=-552/187, AV-AW=-676/229, AT-AV=-422/146, AS-AT=-458/171
WEBS AQ-BF=-211/44, BF-BH=-214/44, L-BH=-196/33, AN-BG=-199/28, BG-BI=-201/28, O-BI=-184/27, E-BA=-32/38, F-AY=-29/37, H-AX=-18/34, I-AW=-216/92, J-AT=-64/57, K-AR=-67/28, M-BB=-25/12, AP-BC=-3/1, N-BD=-25/12, AO-BE=-3/0, P-AM=-79/26, Q-AL=-87/62, R-AK=-87/59, S-AJ=-87/58, U-AI=-87/58, V-AH=-87/58, BC-BF=-0/0, BC-BE=-0/0, BE-BG=-0/0, BB-BH=-1/7, BB-BD=-1/7, BD-BI=-1/7, D-AZ=0/165, AU-AV=-476/145, W-AG=-87/58, X-AF=-89/61, Y-AE=-78/47, Z-AD=-145/110

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) Provide adequate drainage to prevent water ponding.
5) All plates are 2x3 MT20 unless otherwise indicated.
6) Gable studs spaced at 1-4-0 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint B, 11 lb uplift at joint AR, 32 lb uplift at joint AQ, 13 lb uplift at joint AN, 74 lb uplift at joint AC, 11 lb uplift at joint AM, 45 lb uplift at joint AL, 44 lb uplift at joint AK, 42 lb uplift at joint AJ, 42 lb uplift at joint AI, 43 lb uplift at joint AH, 127 lb uplift at joint AS, 51 lb uplift at joint AU, 41 lb uplift at joint AG, 48 lb uplift at joint AF, 16 lb uplift at joint AE and 130 lb uplift at joint AD.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A2	ROOF TRUSS	4	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber — 8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:06 2019 Page 1
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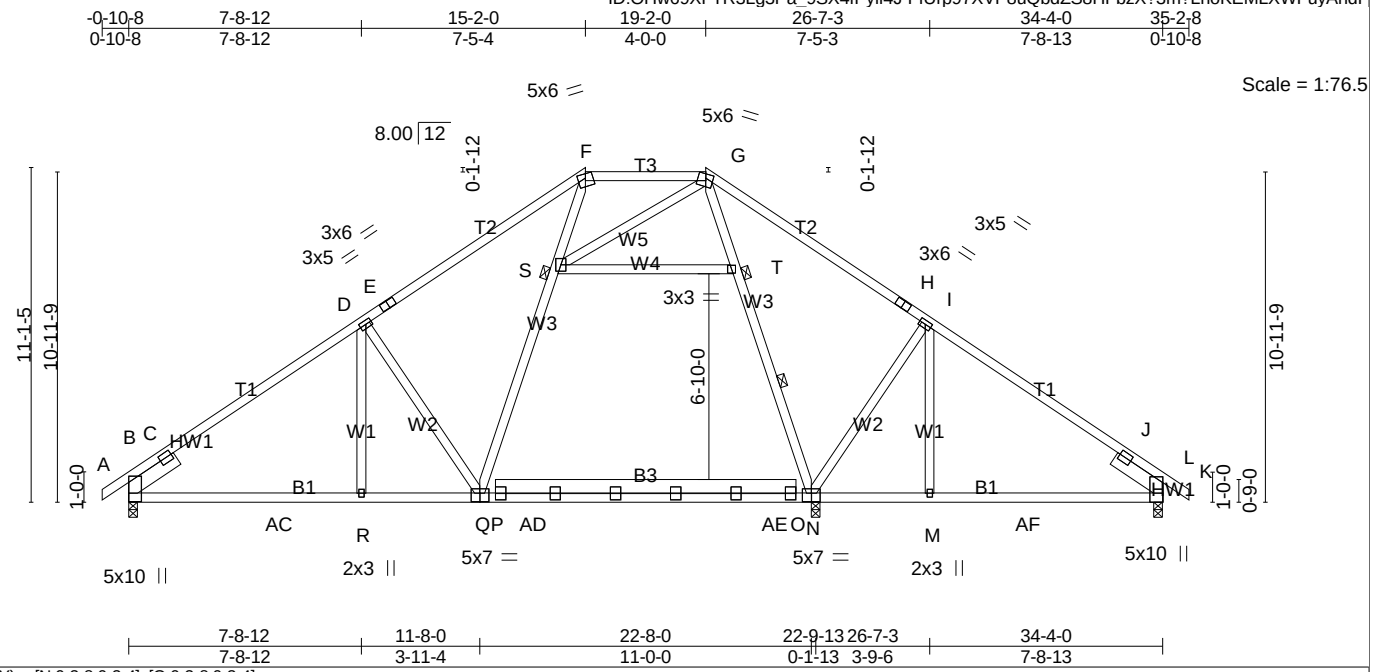

Plate Offsets (X,Y)-- [N:0-3-8,0-3-4], [Q:0-3-8,0-3-4]

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	0.79	Vert(LL)	-0.19	N-Q	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.73	Vert(CT)	-0.33	N-Q	>822	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.08	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 234 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1 *Except* T3: 2x4 SP No.2
BOT CHORD 2x4 SP No.1 *Except* B3: 2x6 SP No.2
WEBS 2x4 SP No.3 *Except* W3: 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 (5-4-11 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt N-T
JOINTS 1 Brace at Jt(s): S, T

REACTIONS. (lb/size) B=1277/0-3-8, N=437/0-3-8, K=1137/0-3-8
Max Horz B=263(LC 9)
Max Uplift B=-216(LC 10), N=-189(LC 6), K=-174(LC 10)
Max Grav B=1393(LC 18), N=647(LC 19), K=1194(LC 18)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-312/22, C-D=-1777/341, D-E=-1513/375, E-F=-1394/418, F-G=-1071/383, G-H=-1234/424, H-I=-1332/381, I-J=-1550/330, J-K=-312/31, K-L=0/29
BOT CHORD B-AC=-295/1566, R-AC=-295/1566, Q-R=-295/1566, P-Q=-142/1029, P-AD=-142/1029, AD-AE=-142/1029, O-AE=-142/1029, N-O=-142/1029, M-N=-182/1236, M-AF=-182/1236, K-AF=-182/1236
WEBS D-R=0/196, D-Q=-518/260, G-T=-160/324, N-T=-156/298, I-N=-517/296, I-M=0/169, Q-S=-118/721, F-S=-93/555, S-T=-83/13, G-S=-39/251

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 5x4 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 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 216 lb uplift at joint B, 189 lb uplift at joint N and 174 lb uplift at joint K.
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 SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A3	ROOF TRUSS	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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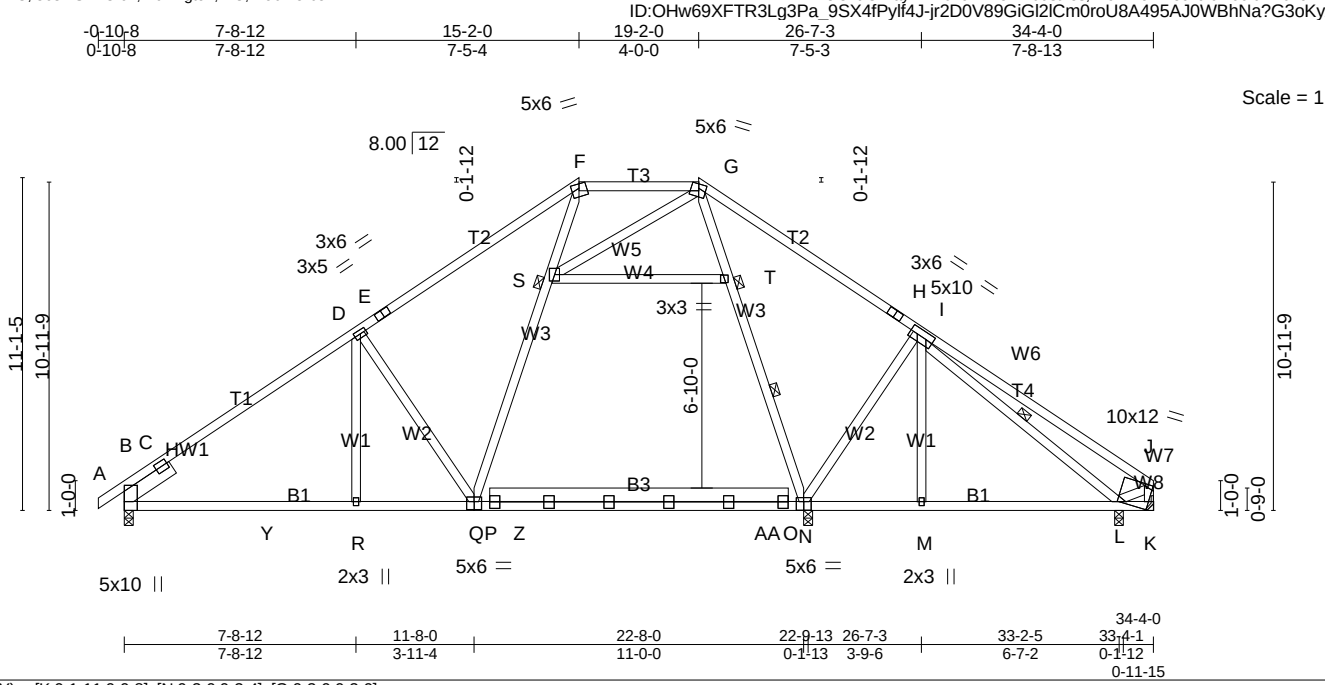

Plate Offsets (X,Y)-- [K:0-1-11,0-0-8], [N:0-3-0,0-3-4], [Q:0-3-0,0-3-0]

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	0.84	Vert(LL)	-0.17	N-Q	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.89	Vert(CT)	-0.31	N-Q	>878	180		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.95	Horz(CT)	0.05	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-MSH							Weight: 243 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1 *Except* T3,T4: 2x4 SP No.2
BOT CHORD 2x4 SP No.1 *Except* B3: 2x6 SP No.2, B2: 2x4 SP No.2
WEBS 2x4 SP No.3
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 (5-4-5 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt N-T, I-L
JOINTS 1 Brace at Jt(s): S, T

REACTIONS. (lb/size) B=1310/0-3-8, N=288/0-3-8, K=713/Mechanical, L=476/0-3-8
Max Horz B=277(LC 9)
Max Uplift B=-226(LC 10), N=-295(LC 6), K=-173(LC 10), L=-40(LC 11)
Max Grav B=1447(LC 18), N=589(LC 23), K=817(LC 18), L=502(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-313/20, C-D=-1860/331, D-E=-1605/364, E-F=-1489/407, F-G=-1124/377, G-H=-1405/460, H-I=-1516/416, I-J=-796/188, J-K=-895/124
BOT CHORD B-Y=-306/1631, R-Y=-306/1631, Q-R=-306/1631, P-Q=-195/1113, P-Z=-195/1113, Z-AA=-195/1113, O-AA=-195/1113, N-O=-195/1113, M-N=-213/1324, L-M=-213/1324, K-L=-144/203
WEBS D-R=0/189, D-Q=-496/256, G-T=-193/489, N-T=-190/470, I-N=-408/276, I-M=0/168, Q-S=-118/719, F-S=-100/595, S-T=-61/8, G-S=-26/186, I-L=-957/191, J-L=-131/590

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 5x4 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 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 226 lb uplift at joint B, 295 lb uplift at joint N, 173 lb uplift at joint K and 40 lb uplift at joint L.
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 SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A4	ROOF TRUSS	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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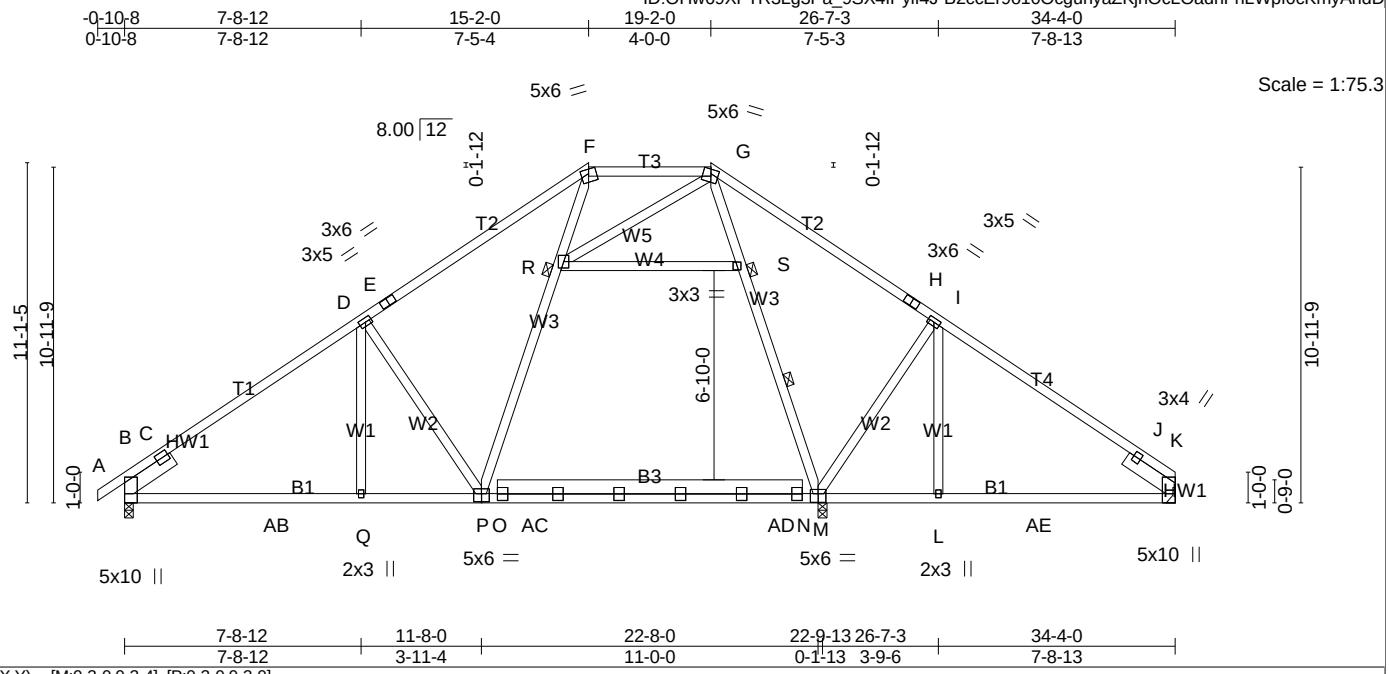

Plate Offsets (X,Y)-- [M:0-3-0,0-3-4], [P:0-3-0,0-3-0]

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	0.80	Vert(LL)	-0.20	M-P	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.99	Vert(CT)	-0.35	M-P	>775	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.09	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 232 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.1 *Except* T3,T4: 2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* B3: 2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W3: 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 (5-4-11 max.): F-G.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: B-Q.
WEBS	1 Row at midpt M-S
JOINTS	1 Brace at Jt(s): R, S

REACTIONS. (lb/size) B=1274/0-3-8, M=450/0-3-8, K=1075/Mechanical
Max Horz B=258(LC 9)
Max Uplift B=-214(LC 10), M=-177(LC 6), K=-168(LC 10)
Max Grav B=1386(LC 18), M=654(LC 19), K=1146(LC 18)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	A-B=0/29, B-C=-292/52, C-D=-1767/341, D-E=-1501/376, E-F=-1383/419, F-G=-1065/383, G-H=-1210/419, H-I=-1307/375, I-J=-1530/331, J-K=-311/19
BOT CHORD	B-AB=-303/1551, Q-AB=-303/1551, P-Q=-303/1551, O-P=-143/1010, O-AC=-143/1010, AC-AD=-143/1010, N-AD=-143/1010, M-N=-143/1010, L-M=-187/1213, L-AE=-187/1213, K-AE=-187/1213
WEBS	D-Q=0/199, D-P=-521/260, G-S=-155/301, M-S=-151/274, I-M=-524/293, I-L=0/175, P-R=-119/724, F-R=-92/550, R-S=-87/15, G-R=-43/263

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 5x4 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 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 214 lb uplift at joint B, 177 lb uplift at joint M and 168 lb uplift at joint K.
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 SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A5	ROOF TRUSS	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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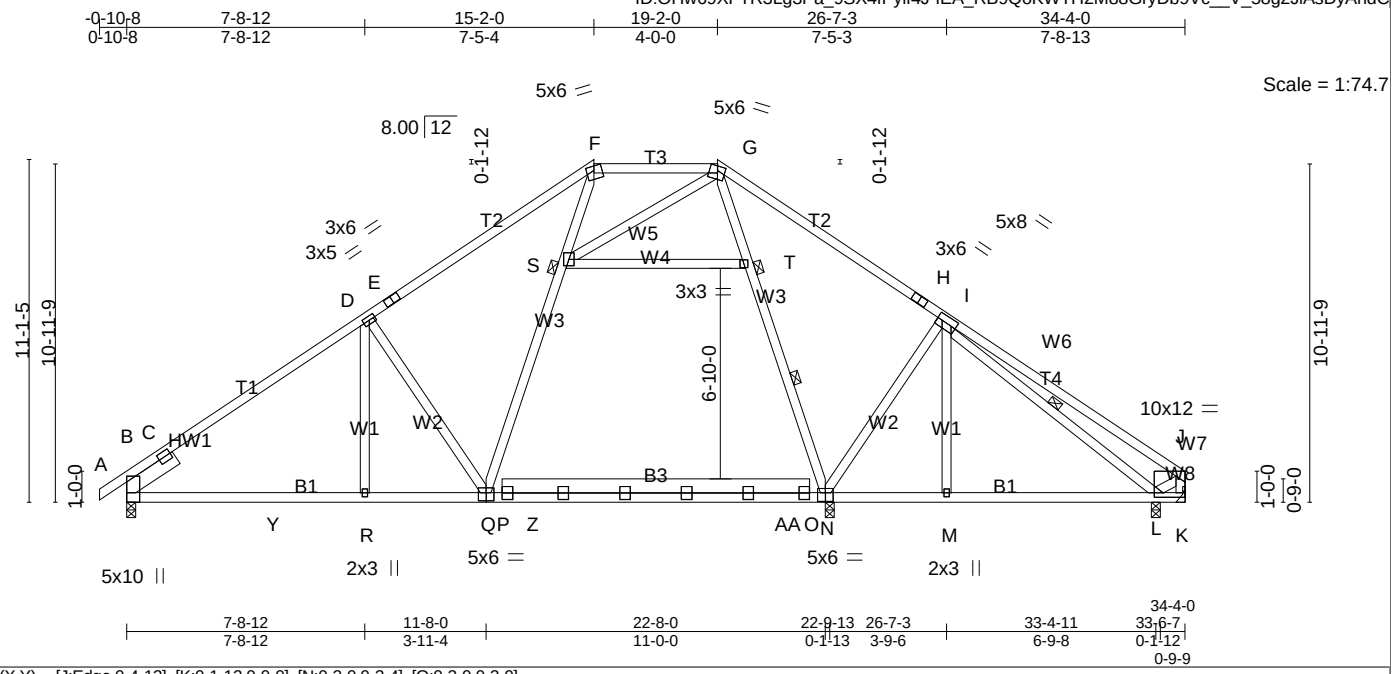

Plate Offsets (X,Y)-- [J:Edge,0-4-13], [K:0-1-12,0-0-0], [N:0-3-0,0-3-4], [Q:0-3-0,0-3-0]

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	0.84	Vert(LL)	-0.18	N-Q	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.89	Vert(CT)	-0.31	N-Q	>876	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.05	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 243 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 *Except* T3,T4: 2x4 SP No.2
BOT CHORD 2x4 SP No.1 *Except* B3: 2x6 SP No.2, B2: 2x4 SP No.2
WEBS 2x4 SP No.3
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 (5-4-5 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt N-T, I-L
JOINTS 1 Brace at Jt(s): S, T

REACTIONS. (lb/size) B=1309/0-3-8, N=301/0-3-8, K=743/Mechanical, L=434/0-3-8
Max Horz B=277(LC 9)
Max Uplift B=-226(LC 10), N=-291(LC 6), K=-195(LC 10), L=-59(LC 11)
Max Grav B=1447(LC 18), N=597(LC 23), K=870(LC 18), L=498(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/29, B-C=-313/20, C-D=-1859/331, D-E=-1604/364, E-F=-1487/407, F-G=-1123/377, G-H=-1402/460, H-I=-1514/416, I-J=-794/189, J-K=-973/125
BOT CHORD B-Y=-305/1630, R-Y=-305/1630, Q-R=-305/1630, P-Q=-195/1112, P-Z=-195/1112, Z-AA=-195/1112, O-AA=-195/1112, N-O=-195/1112, M-N=-213/1331, L-M=-213/1331, K-L=-144/211
WEBS D-R=0/189, D-Q=-497/256, G-T=-192/486, N-T=-190/468, I-N=-418/275, I-M=0/172, Q-S=-117/719, F-S=-100/595, S-T=-61/8, G-S=-26/187, I-L=-957/189, J-L=-141/634

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 5x4 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 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 226 lb uplift at joint B, 291 lb uplift at joint N, 195 lb uplift at joint K and 59 lb uplift at joint L.
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 SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A6	ROOF TRUSS	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-7QjMeXA2ZdeKvCxLhzMBmpieLOJPjZFpHzVjOfyAndB

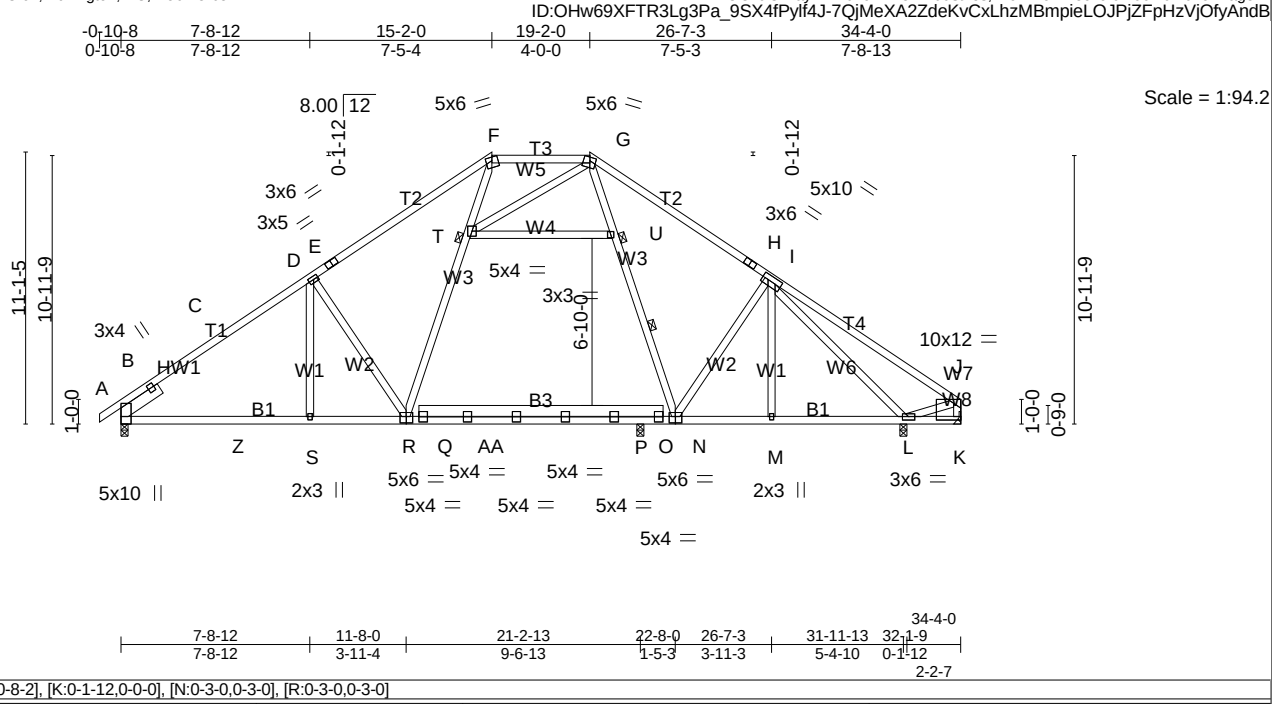

Plate Offsets (X,Y)-- [J:Edge,0-8-2], [K:0-1-12,0-0-0], [N:0-3-0,0-3-0], [R:0-3-0,0-3-0]

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	0.97	Vert(LL)	-0.19	P-R	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.91	Vert(CT)	-0.32	P-R	>805	180		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.83	Horz(CT)	0.05	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-MSH							Weight: 243 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except* B3: 2x6 SP No.2
WEBS 2x4 SP No.3 *Except* W3: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 -$ 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-7-5 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt N-U
JOINTS 1 Brace at Jt(s): T, U

REACTIONS. (lb/size) B=1238/0-3-8, K=674/Mechanical, L=470/0-3-8, P=405/0-3-8
Max Horz B=277(LC 9)
Max Uplift B=-232(LC 10), K=-186(LC 10), L=-245(LC 11), P=-112(LC 6)
Max Grav B=1315(LC 18), K=933(LC 18), L=584(LC 23), P=690(LC 19)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-290/61, C-D=-1655/356, D-E=-1377/391, E-F=-1257/435, F-G=-991/394, G-H=-1137/444, H-I=-1163/400, I-J=-1048/254, J-K=-929/184
BOT CHORD B-Z=-312/1465, S-Z=-312/1465, R-S=-312/1465, Q-R=-184/921, Q-AA=-184/919, P-AA=-183/926, O-P=-148/926, N-O=-184/921, M-N=-194/1064, L-M=-194/1063, K-L=-132/193
WEBS D-S=0/222, D-R=-546/251, G-U=-166/230, N-U=-160/211, I-N=-412/235, I-M=0/177, R-T=-144/678, F-T=-109/478, T-U=-100/20, G-T=-59/301, I-L=-682/252, J-L=-228/727

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 232 lb uplift at joint B, 186 lb uplift at joint K, 245 lb uplift at joint L and 112 lb uplift at joint P.
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.
9) ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A7	ROOF TRUSS	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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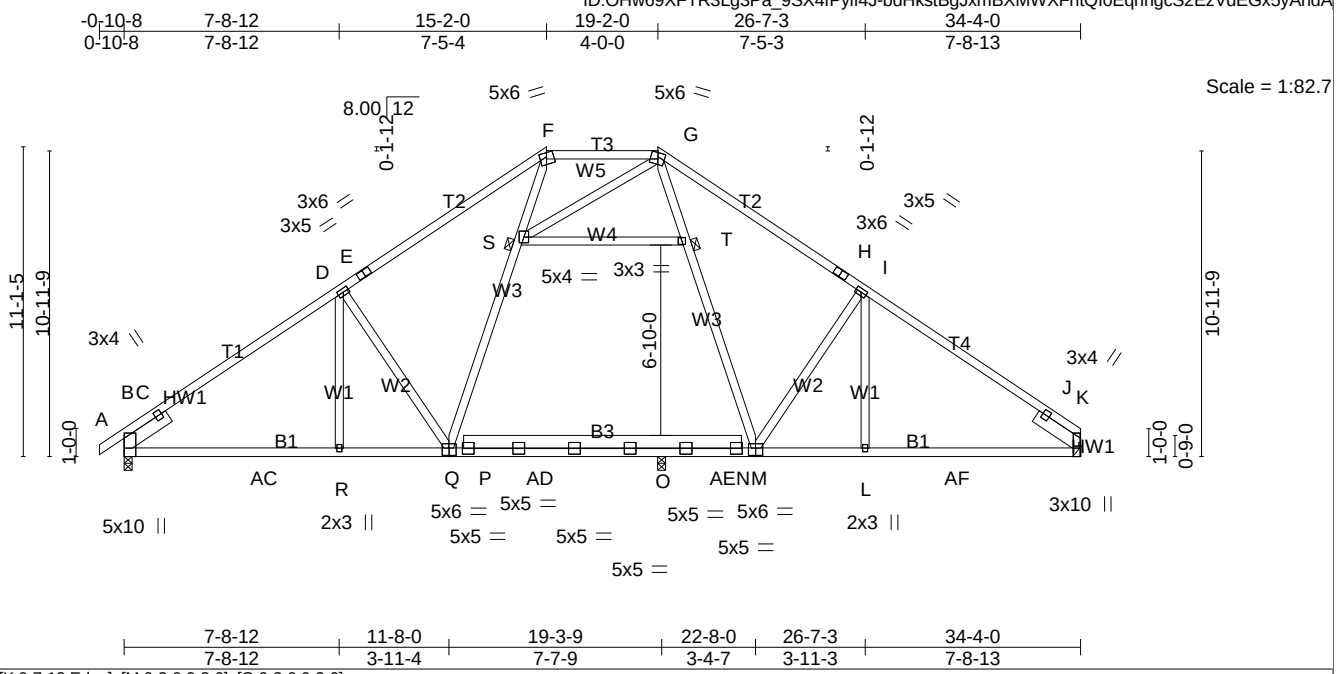

Plate Offsets (X,Y)-- [K:0-7-12,Edge], [M:0-3-0,0-3-0], [Q:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.93	Vert(LL)	-0.20	Q-R	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.30	Q-R	>764	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.07	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 232 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W3: 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, except 2-0-0 oc purlins (6-0-0 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): S, T

REACTIONS. (lb/size) B=1211/0-3-8, K=1098/Mechanical, O=491/0-3-8
Max Horz B=258(LC 9)
Max Uplift B=-205(LC 10), K=-149(LC 11)
Max Grav B=1222(LC 18), K=1098(LC 1), O=707(LC 19)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-280/66, C-D=-1513/378, D-E=-1234/416, E-F=-1097/460, F-G=-872/408, G-H=-1014/468, H-I=-1139/424, I-J=-1420/385, J-K=-286/39
BOT CHORD B-AC=-292/1345, R-AC=-292/1345, Q-R=-292/1345, P-Q=-88/827, P-AD=-88/826, O-AD=-87/833, O-AE=-84/841, N-AE=-86/836, M-N=-88/827, L-M=-204/1094, L-AF=-204/1094, K-AF=-204/1094
WEBS D-R=0/241, D-Q=-586/262, G-T=-127/295, M-T=-140/288, I-M=-609/281, I-L=0/246, Q-S=-157/541, F-S=-111/395, S-T=-87/50, G-S=-148/259

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 205 lb uplift at joint B and 149 lb uplift at joint K.
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.
9) ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A8	Piggyback Base	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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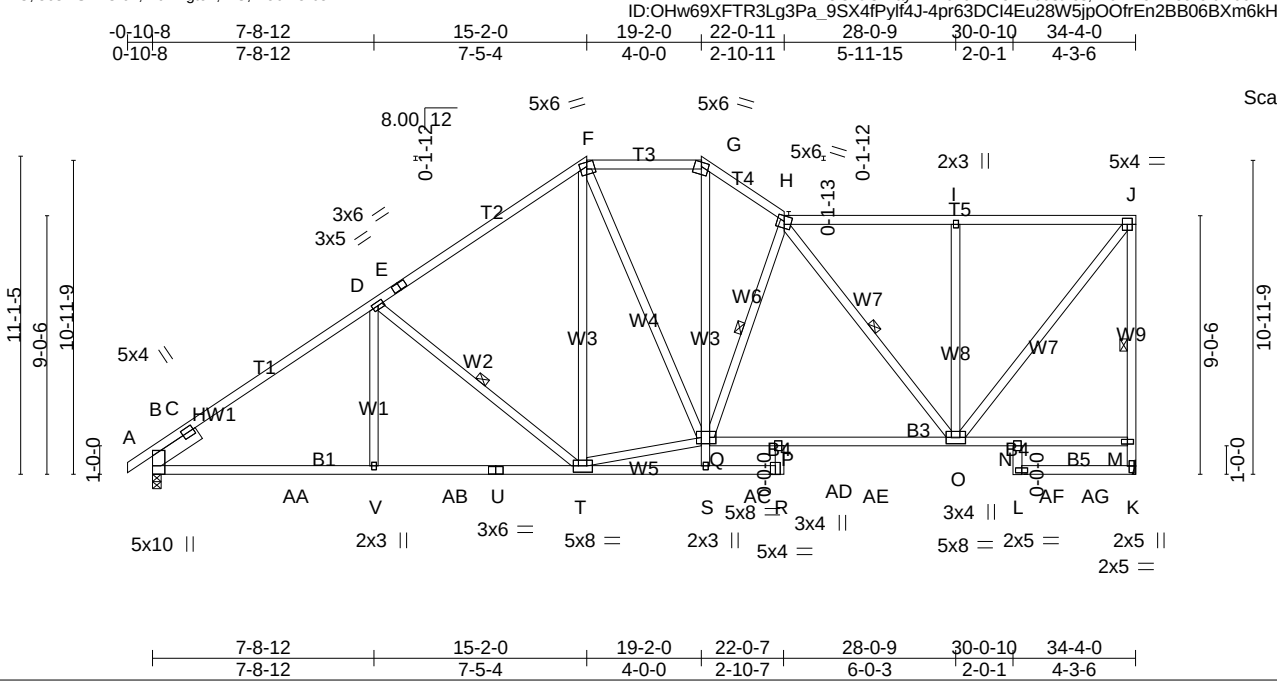

Plate Offsets (X,Y)-- [H:0-3-0,0-2-5], [K:0-2-12,0-1-0], [P:0-2-0,0-0-4], [Q:0-2-8,0-2-8]

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	0.75	Vert(LL)	-0.20	O-P	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.83	Vert(CT)	-0.36	O-P	>999	180		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.64	Horz(CT)	0.08	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-MSH							Weight: 264 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP No.1, T1: 2x4 SP SS
BOT CHORD 2x4 SP No.2 *Except*
B1: 2x4 SP No.1, 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 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (5-0-12 max.): F-G, H-J.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt J-K, D-T, H-O, H-Q

REACTIONS. (lb/size) K=1367/Mechanical, B=1421/0-3-8
Max Horz B=379(LC 9)
Max Uplift K=-191(LC 11), B=-149(LC 10)
Max Grav K=1511(LC 2), B=1463(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/29, B-C=-233/66, C-D=-1904/347, D-E=-1451/338, E-F=-1339/381, F-G=-1250/365, G-H=-1573/414, H-I=-970/291, I-J=-969/290, K-M=-1408/289, J-M=-1337/309
BOT CHORD B-AA=-270/1653, V-AA=-270/1653, V-AB=-270/1653, U-AB=-270/1653, T-U=-270/1653, S-T=-245/0, S-AC=-291/0, R-AC=-291/0, P-R=-63/0, Q-AD=-147/1642, P-AD=-147/1642, P-AE=-228/1423, O-AE=-228/1423, N-O=-145/161, N-AF=-249/231, M-AF=-249/231, L-N=0/80, L-AG=-69/129, K-AG=-69/129
WEBS D-V=0/311, D-T=-611/253, F-T=-99/271, Q-S=0/239, G-Q=-152/736, Q-T=-143/1381, I-O=-435/199, J-O=-292/1544, H-O=-755/135, H-Q=-498/238, F-Q=-52/413

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 191 lb uplift at joint K and 149 lb uplift at joint B.
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	PROMENADE CRAFTSMAN
19120346	A9	Piggyback Base	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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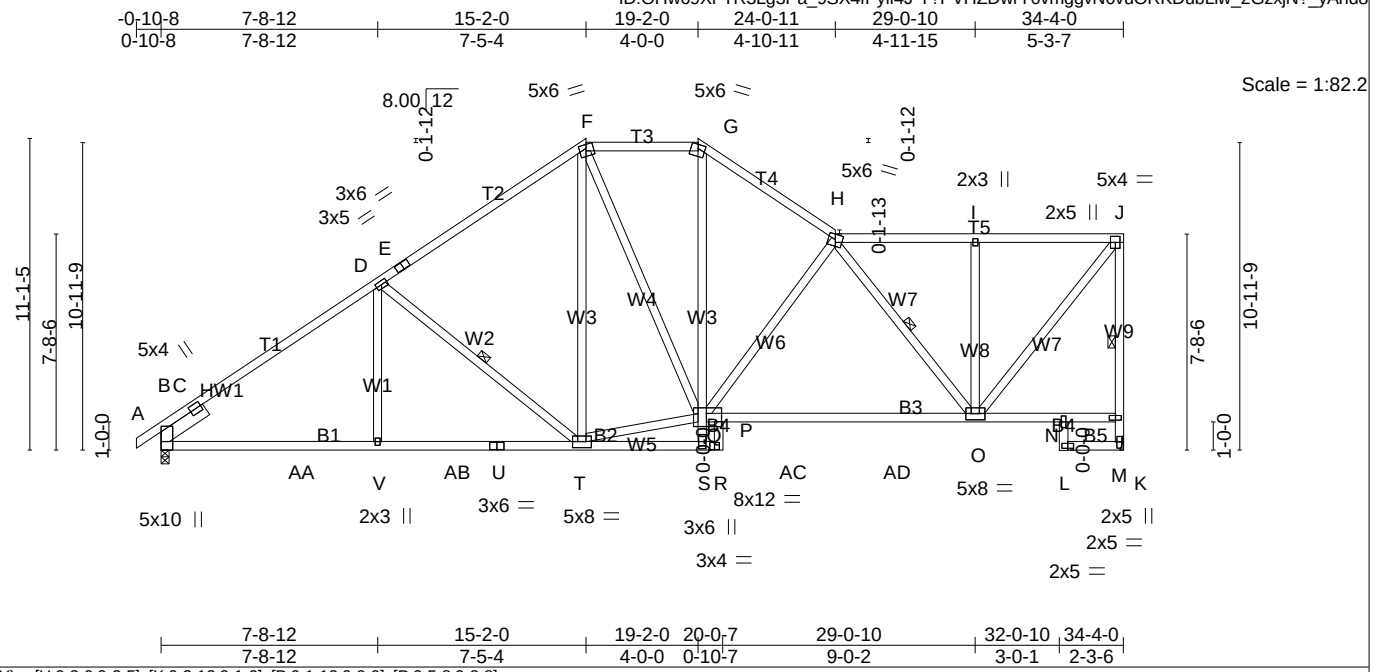

Plate Offsets (X,Y)-- [H:0-3-0,0-2-5], [K:0-2-12,0-1-0], [P:0-1-12,0-0-0], [P:0-5-8,0-2-8]

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	0.75	Vert(LL)	-0.22	O-P	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.94	Vert(CT)	-0.44	O-P	>939	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.08	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 249 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP No.1, T1: 2x4 SP SS
BOT CHORD 2x4 SP No.2 *Except*
B1: 2x4 SP No.1, 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 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (5-1-6 max.): F-G, H-J.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt J-K, D-T, H-O

REACTIONS. (lb/size) K=1367/Mechanical, B=1421/0-3-8
Max Horz B=362(LC 9)
Max Uplift K=-174(LC 11), B=-150(LC 10)
Max Grav K=1367(LC 1), B=1435(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-235/64, C-D=-1858/347, D-E=-1451/337, E-F=-1320/380, F-G=-1203/367, G-H=-1550/390, H-I=-975/267, I-J=-973/266, K-M=-1342/269, J-M=-1332/286
BOT CHORD B-AA=-225/1617, V-AA=-225/1617, V-AB=-225/1617, U-AB=-225/1617, T-U=-225/1617, S-T=-261/0, R-S=-332/0, P-R=-344/0, P-Q=-135/1743, P-AC=-229/1505, AC-AD=-229/1505, O-AD=-229/1505, N-O=-123/137, M-N=-179/181, L-N=0/35, K-L=-44/57
WEBS D-V=0/311, D-T=-614/254, F-T=-97/265, Q-S=0/440, G-Q=-101/643, Q-T=-86/1370, I-O=-355/171, J-O=-278/1540, H-O=-869/187, H-Q=-488/225, F-Q=-61/366

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 174 lb uplift at joint K and 150 lb uplift at joint B.
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	PROMENADE CRAFTSMAN
19120346	A10	Piggyback Base	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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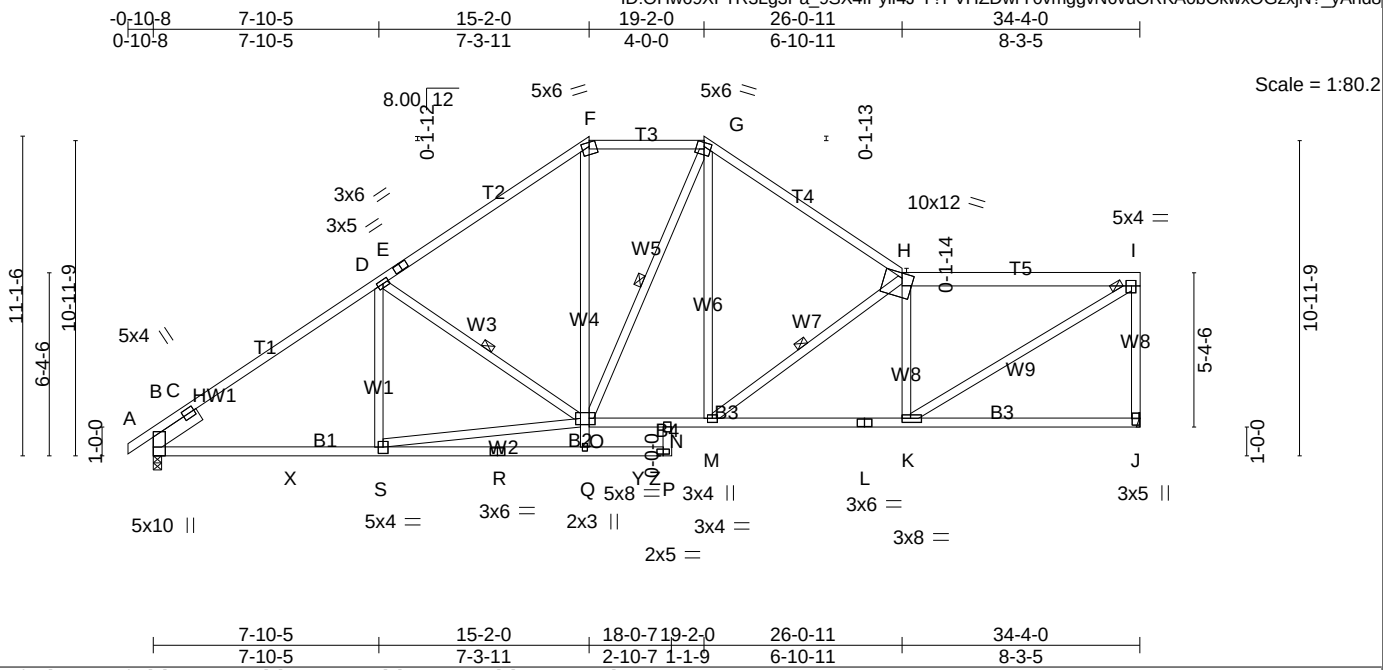

Plate Offsets (X,Y)-- [H:0-7-5,Edge], [I:0-1-12,0-2-4], [J:0-2-12,0-1-8], [K:0-3-8,0-1-8], [O:0-2-8,0-2-8]

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	0.94	Vert(LL)	-0.12	J-K	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.27	J-K	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.06	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 243 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP No.1, T5: 2x6 SP No.2, T1: 2x4 SP SS
BOT CHORD 2x4 SP No.2 *Except*
B1: 2x4 SP No.1, 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, except end verticals, and 2-0-0 oc purlins (4-7-1 max.): F-G, H-I.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt D-O, G-O, H-M

REACTIONS. (lb/size) J=1367/Mechanical, B=1421/0-3-8
Max Horz B=316(LC 7)
Max UpliftJ=-160(LC 11), B=-151(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-242/77, C-D=-1846/346, D-E=-1553/339, E-F=-1423/381, F-G=-1193/376, G-H=-1570/384, H-I=-1684/368, I-J=-1293/288
BOT CHORD B-X=-238/1556, S-X=-238/1556, R-S=-18/199, Q-R=-18/199, Q-Y=-27/163, P-Y=-27/163, N-P=-2/46, O-Z=-75/1067, N-Z=-75/1067, M-N=-87/1199, L-M=-218/1706, K-L=-218/1706, J-K=-58/72
WEBS D-S=-71/140, D-O=-419/237, O-Q=0/242, F-O=-70/496, H-K=-869/277, I-K=-333/1950, G-M=-72/541, O-S=-222/1370, G-O=-169/146, H-M=-627/206

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 160 lb uplift at joint J and 151 lb uplift at joint B.
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	PROMENADE CRAFTSMAN
19120346	A11	Piggyback Base	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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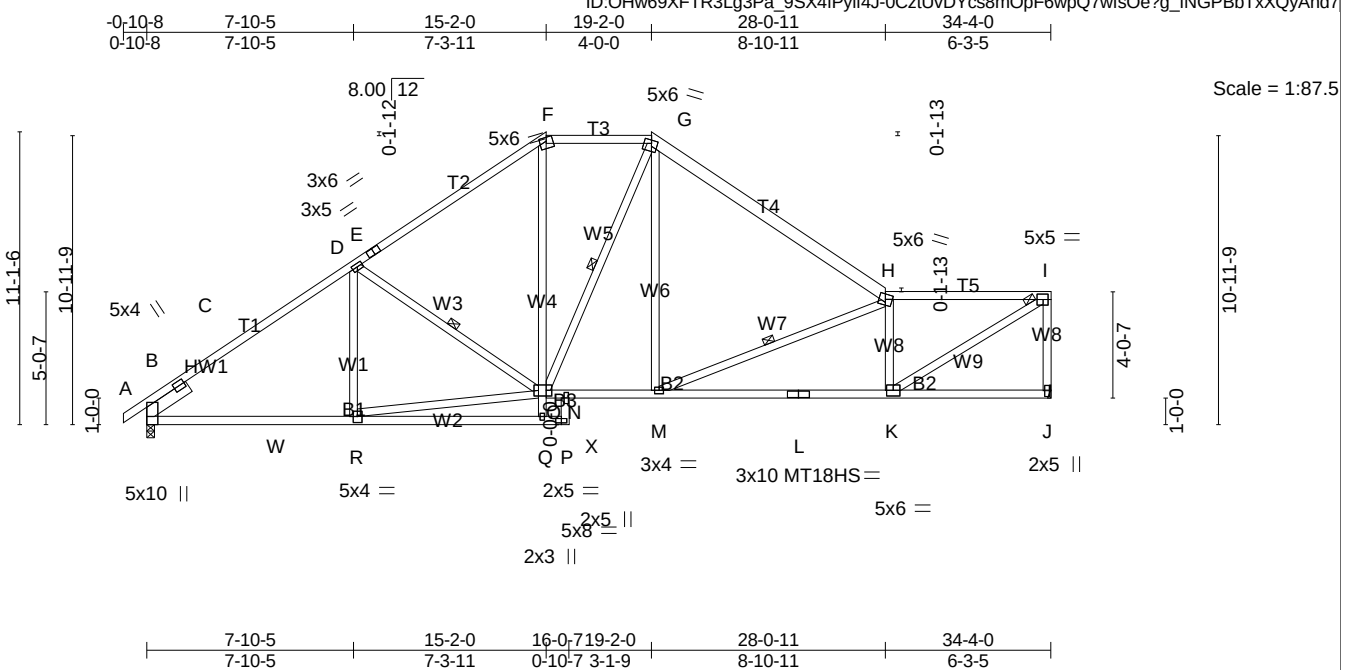

Plate Offsets (X,Y)-- [G:0-2-12,0-1-8], [I:0-2-4,0-2-8], [J:0-2-12,0-1-0], [N:0-2-8,0-1-4], [O:0-2-8,0-2-8]

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	0.75	Vert(LL)	-0.17	K-M	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	1.00	Vert(CT)	-0.39	K-M	>999	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.07	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 237 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP No.1, T4: 2x6 SP No.2, T1: 2x4 SP SS
BOT CHORD 2x4 SP No.2 *Except*
B3: 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 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (3-3-3 max.): F-G, H-I.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: B-R
6-0-0 oc bracing: N-P.
WEBS 1 Row at midpt D-O, G-O, H-M

REACTIONS. (lb/size) J=1367/Mechanical, B=1421/0-3-8
Max Horz B=304(LC 7)
Max UpliftJ=-150(LC 11), B=-151(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-219/109, C-D=-1846/345, D-E=-1554/342, E-F=-1424/384, F-G=-1195/378, G-H=-1618/354, H-I=-1863/368, I-J=-1317/264
BOT CHORD B-W=-234/1537, R-W=-234/1537, Q-R=0/214, P-Q=0/162, N-P=-100/0, N-O=-58/1065, N-X=-46/1215, M-X=-46/1215, L-M=-264/1901, K-L=-264/1901, J-K=-51/51
WEBS D-R=-71/147, D-O=-415/231, O-Q=0/286, F-O=-80/512, H-K=-993/292, I-K=-358/2163, G-M=-7/540, O-R=-259/1395, G-O=-211/133, H-M=-739/237

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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 150 lb uplift at joint J and 151 lb uplift at joint B.
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	PROMENADE CRAFTSMAN
19120346	A12	PIGGYBACK BASE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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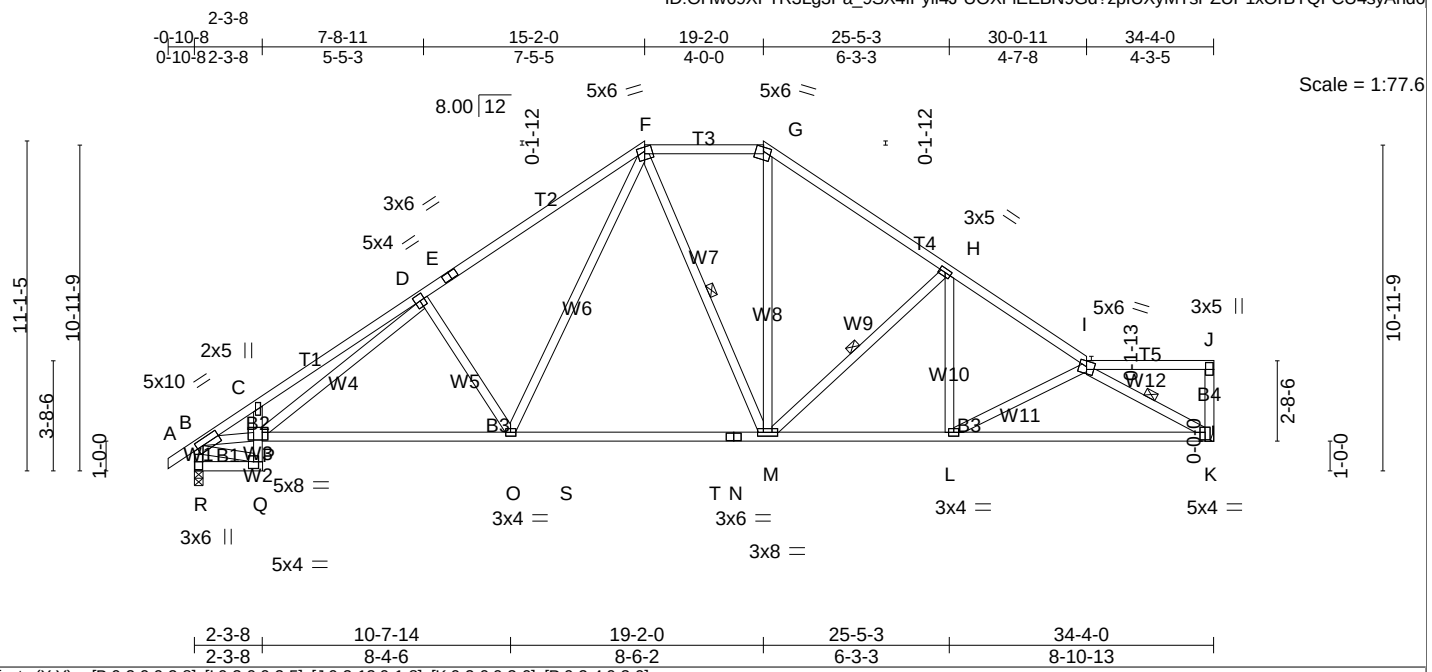

Plate Offsets (X,Y)-- [B:0-2-9,0-2-8], [I:0-3-0,0-2-5], [J:0-2-12,0-1-8], [K:0-2-0,0-3-0], [P:0-2-4,0-3-0]

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	0.75	Vert(LL)	-0.28	M-O	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.89	Vert(CT)	-0.47	M-O	>866	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.10	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 221 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except
2-0-0 oc purlins (5-2-1 max.): F-G, I-J.
BOT CHORD Rigid ceiling directly applied or 9-3-4 oc bracing.
WEBS 1 Row at midpt F-M, H-M, I-K

REACTIONS. (lb/size) J=1361/Mechanical, R=1424/0-3-8
Max Horz R=247(LC 7)
Max UpliftJ=-139(LC 11), R=-150(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-2584/482, C-D=-2814/614, D-E=-1880/410, E-F=-1740/454, F-G=-1191/370, G-H=-1546/383, H-I=-2030/372, I-J=-66/0
BOT CHORD J-K=-181/1228, Q-R=-274/400, P-Q=-86/140, C-P=-254/136, O-P=-337/1802, O-S=-118/1182, S-T=-118/1182, N-T=-118/1182, M-N=-118/1182, L-M=-246/1630, K-L=-378/1978
WEBS F-M=-128/195, G-M=-83/575, H-M=-584/210, H-L=0/419, I-L=-395/149, I-K=-2241/449, B-R=-1440/281, B-Q=-251/219, B-P=-471/2047, D-O=-523/318, D-P=-320/856, F-O=-171/797

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 139 lb uplift at joint J and 150 lb uplift at joint R.
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	PROMENADE CRAFTSMAN
19120346	A13	PIGGYBACK BASE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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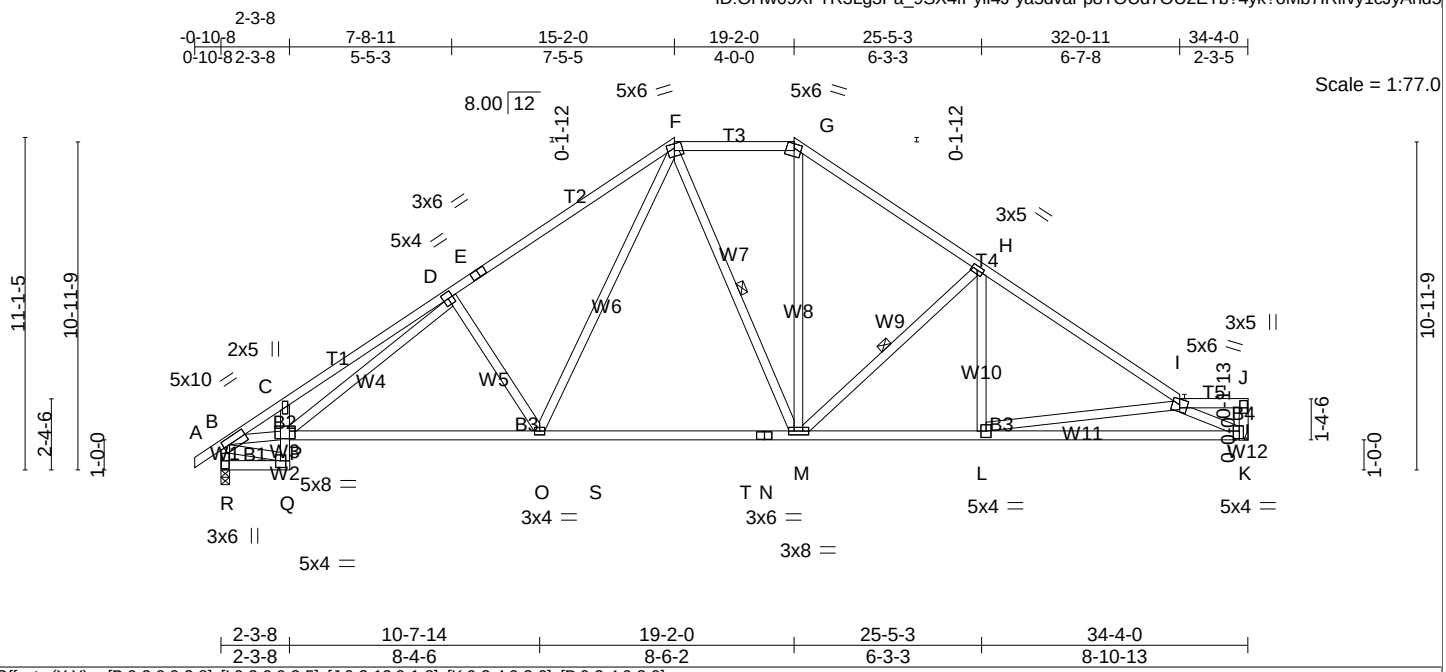

Plate Offsets (X,Y)-- [B:0-2-9,0-2-8], [I:0-3-0,0-2-5], [J:0-2-12,0-1-8], [K:0-2-4,0-3-0], [P:0-2-4,0-3-0]

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	0.76	Vert(LL)	-0.29	M-O	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.48	M-O	>851	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.11	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 218 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B4: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (5-2-1 max.): F-G, I-J.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: K-L.
WEBS 1 Row at midpt F-M, H-M

REACTIONS. (lb/size) J=1361/Mechanical, R=1424/0-3-8
Max Horz R=251(LC 7)
Max UpliftJ=-135(LC 11), R=-152(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-2591/446, C-D=-2823/572, D-E=-1880/408, E-F=-1741/452, F-G=-1190/371, G-H=-1552/389, H-I=-2078/370, I-J=-151/0
BOT CHORD J-K=-224/1300, Q-R=-245/410, P-Q=-82/146, C-P=-254/136, O-P=-306/1814, O-S=-69/1193, S-T=-69/1193, N-T=-69/1193, M-N=-69/1193, L-M=-213/1643, K-L=-478/2403
WEBS F-M=-130/191, G-M=-95/586, H-M=-622/233, H-L=0/395, I-L=-770/268, I-K=-2619/588, B-R=-1440/283, B-Q=-265/214, B-P=-429/2063, D-O=-524/315, D-P=-297/865, F-O=-168/798

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 135 lb uplift at joint J and 152 lb uplift at joint R.
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	PROMENADE CRAFTSMAN
19120346	A14	PIGGYBACK BASE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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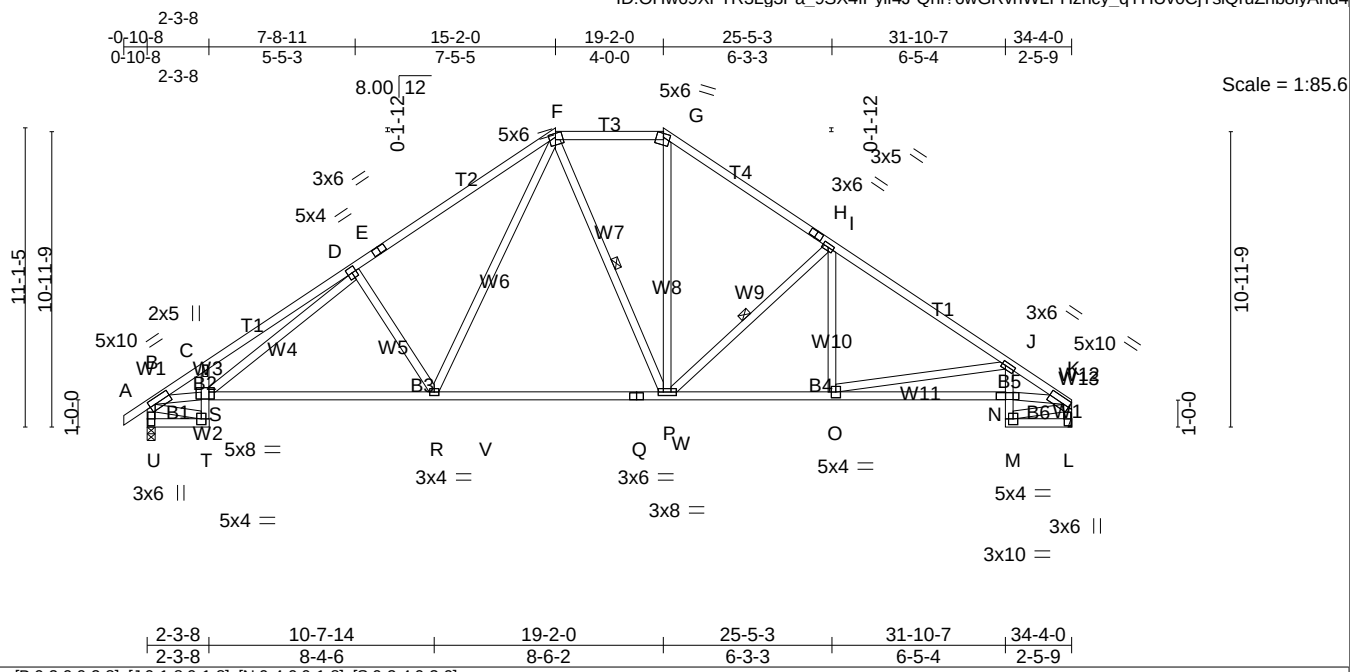

Plate Offsets (X,Y)-- [B:0-2-9,0-2-8], [J:0-1-8,0-1-8], [N:0-4-0,0-1-8], [S:0-2-4,0-3-0]

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	0.75	Vert(LL)	-0.28	P-R	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.89	Vert(CT)	-0.47	P-R	>867	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.22	L	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 224 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP No.1
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (5-2-1 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt F-P, I-P

REACTIONS. (lb/size) U=1424/0-3-8, L=1370/Mechanical
Max Horz U=259(LC 9)
Max UpliftU=-153(LC 10), L=-136(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-2601/405, C-D=-2834/525, D-E=-1880/402, E-F=-1740/446, F-G=-1191/369, G-H=-1531/384, H-I=-1552/344, I-J=-2063/378, J-K=-2598/427
BOT CHORD T-U=-238/422, S-T=-84/152, C-S=-253/135, R-S=-271/1826, R-V=-32/1205, V-W=-32/1205, Q-W=-32/1205, P-Q=-32/1205, O-P=-163/1633, N-O=-397/2382, M-N=-112/43, J-N=0/283, L-M=-293/51
WEBS F-P=-128/193, G-P=-89/583, I-P=-612/238, I-O=0/361, J-O=-790/242, B-U=-1440/284, K-L=-1394/242, B-T=-279/220, B-S=-382/2080, D-R=-525/312, F-R=-166/797, D-S=-271/875, K-M=-112/527, K-N=-278/1946

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint U and 136 lb uplift at joint L.
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	PROMENADE CRAFTSMAN
19120346	A15	PIGGYBACK BASE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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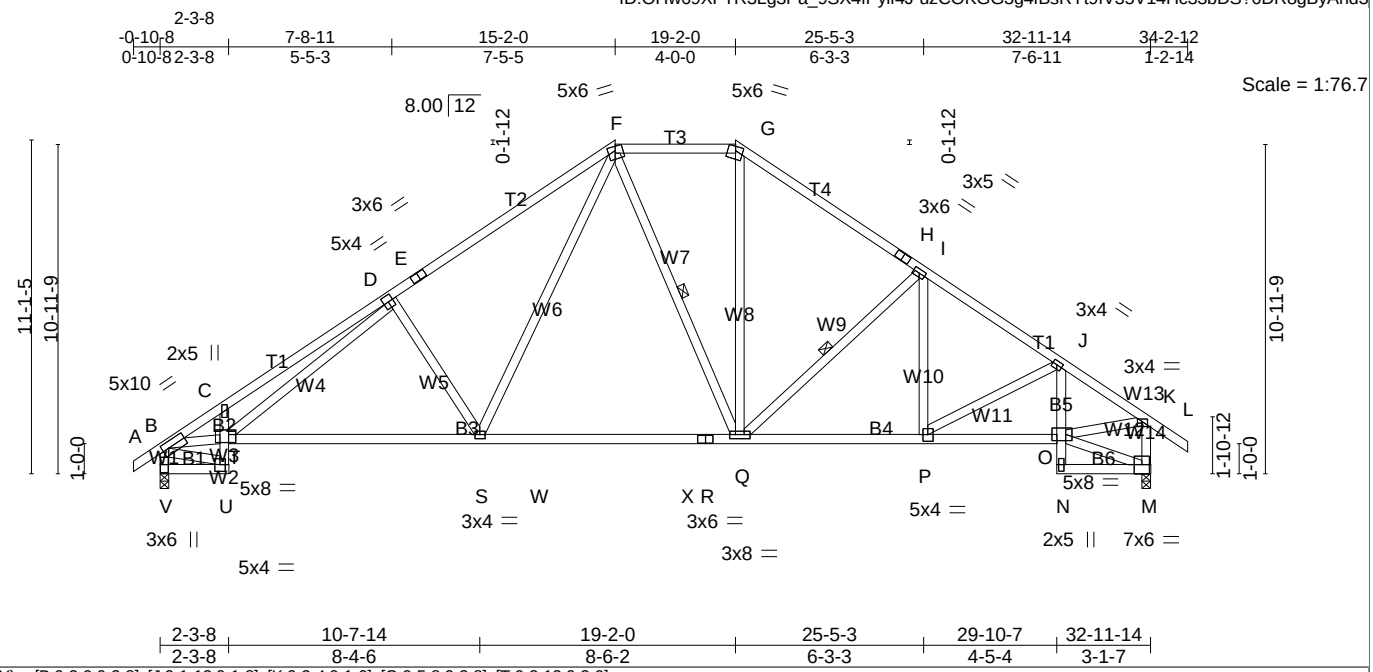

Plate Offsets (X,Y)-- [B:0-2-9,0-2-8], [J:0-1-12,0-1-8], [K:0-2-4,0-1-0], [O:0-5-8,0-2-8], [T:0-2-12,0-3-0]

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	0.71	Vert(LL)	-0.27	Q-S	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.86	Vert(CT)	-0.43	Q-S	>916	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.16	M	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 225 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP No.1
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (5-5-2 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt F-Q, I-Q

REACTIONS. (lb/size) V=1368/0-3-8, M=1392/0-3-8
Max Horz V=298(LC 9)
Max UpliftV=-152(LC 10), M=-149(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-2519/360, C-D=-2749/492, D-E=-1776/375, E-F=-1637/419, F-G=-1083/347, G-H=-1302/354, H-I=-1416/318, I-J=-1702/331, J-K=-1647/269, K-L=0/46, K-M=-1350/270
BOT CHORD U-V=-254/428, T-U=-90/160, C-T=-253/134, S-T=-238/1768, S-W=-30/1147, W-X=-30/1147, R-X=-30/1147, Q-R=-30/1147, P-Q=-45/1368, O-P=-83/1349, N-O=0/55, J-O=-215/81, M-N=-9/39
WEBS F-Q=-165/165, G-Q=-70/513, I-Q=-431/213, I-P=0/195, J-P=-55/79, B-V=-1383/275, B-U=-297/237, B-T=-341/2033, D-S=-526/309, F-S=-163/796, D-T=-250/878, K-O=-117/1347, M-O=-40/52

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 152 lb uplift at joint V and 149 lb uplift at joint 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) 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	PROMENADE CRAFTSMAN
19120346	A16	PIGGYBACK BASE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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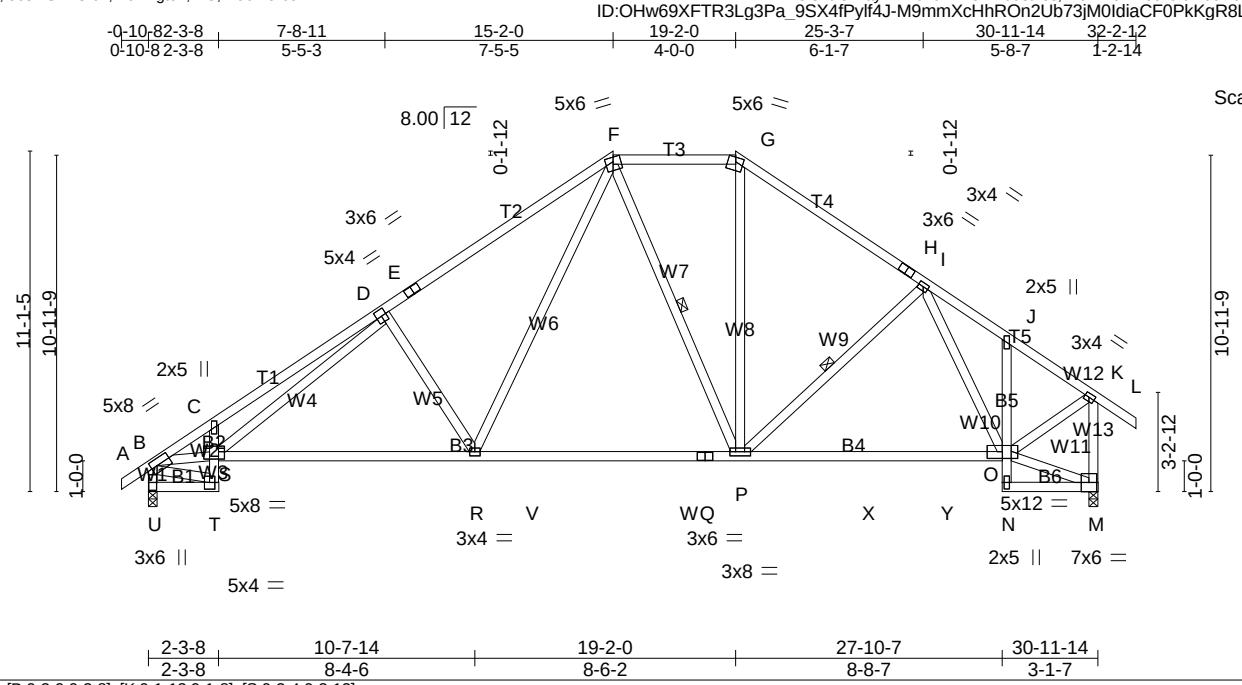

Plate Offsets (X,Y)-- [B:0-2-9,0-2-8], [K:0-1-12,0-1-8], [S:0-2-4,0-2-12]

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	0.89	Vert(LL)	-0.25	P-R	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.83	Vert(CT)	-0.36	R-S	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.13	M	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 217 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, except end verticals, and 2-0-0 oc purlins (5-10-4 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: M-N.
WEBS 1 Row at midpt F-P, I-P

REACTIONS. (lb/size) U=1288/0-3-8, M=1312/0-3-8
Max Horz U=315(LC 9)
Max UpliftU=-149(LC 10), M=-130(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-2408/356, C-D=-2630/483, D-E=-1641/358, E-F=-1523/402, F-G=-945/323, G-H=-1212/326, H-I=-1228/287, I-J=-986/249, J-K=-1026/214, K-L=0/46, K-M=-1293/249
BOT CHORD T-U=-274/417, S-T=-97/159, C-S=-248/130, R-S=-241/1678, R-V=-66/1061, V-W=-66/1061, Q-W=-66/1061, P-Q=-66/1061, P-X=-54/987, X-Y=-54/987, O-Y=-54/987, N-O=0/55, J-O=-103/57, M-N=-72/0
WEBS F-P=-218/156, G-P=-66/447, I-P=-162/202, B-U=-1301/264, B-T=-297/252, B-S=-341/1952, D-R=-528/310, F-R=-170/784, D-S=-244/866, K-O=-39/985, M-O=0/84, I-O=-409/85

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 149 lb uplift at joint U and 130 lb uplift at joint 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) 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	PROMENADE CRAFTSMAN
19120346	A17	PIGGYBACK BASE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-rMK8lyIJCivv6kiGH4XXAw6NuQmR38SHaXwFl4yAnd1

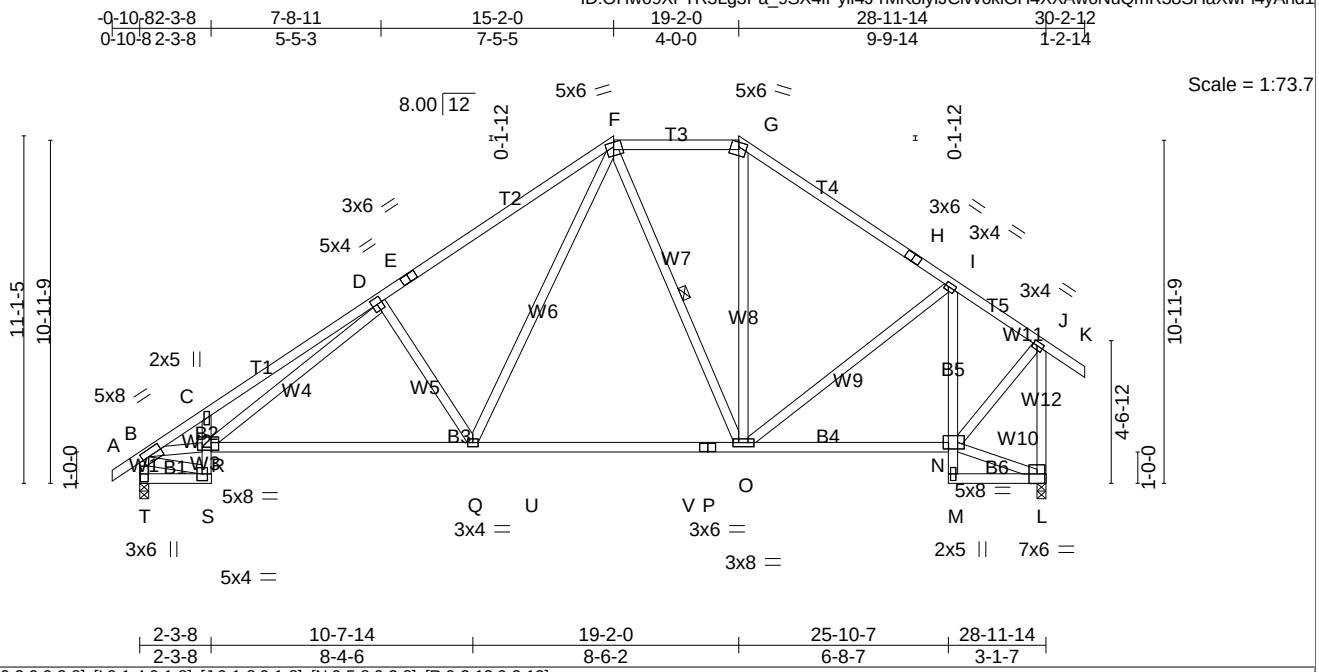

Plate Offsets (X,Y)-- [B:0-2-9,0-2-8], [I:0-1-4,0-1-8], [J:0-1-8,0-1-8], [N:0-5-8,0-2-8], [R:0-2-12,0-2-12]

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	0.83	Vert(LL)	-0.27	O-Q	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.80	Vert(CT)	-0.39	O-Q	>873	180		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.66	Horz(CT)	0.11	L	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-MSH							Weight: 207 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, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: L-M.
WEBS 1 Row at midpt F-O

REACTIONS. (lb/size) T=1208/0-3-8, L=1232/0-3-8
Max Horz T=332(LC 9)
Max UpliftT=-144(LC 10), L=-114(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-2232/352, C-D=-2442/480, D-E=-1479/338, E-F=-1362/382, F-G=-780/304, G-H=-924/297, H-I=-1049/257, I-J=-726/213, J-K=0/46, J-L=-1196/230
BOT CHORD S-T=-293/400, R-S=-105/157, C-R=-246/130, Q-R=-238/1541, Q-U=-100/921, U-V=-100/921, P-V=-100/921, O-P=-100/921, N-O=-81/607, M-N=0/57, I-N=-602/113, L-M=-33/46
WEBS F-O=-283/145, G-O=-54/316, I-O=-80/307, B-T=-1219/252, B-S=-293/270, B-R=-342/1817, D-Q=-525/311, F-Q=-167/793, D-R=-249/839, J-N=-71/902, L-N=-99/116

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; 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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint T and 114 lb uplift at joint L.
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	PROMENADE CRAFTSMAN
19120346	A18	Piggyback Base	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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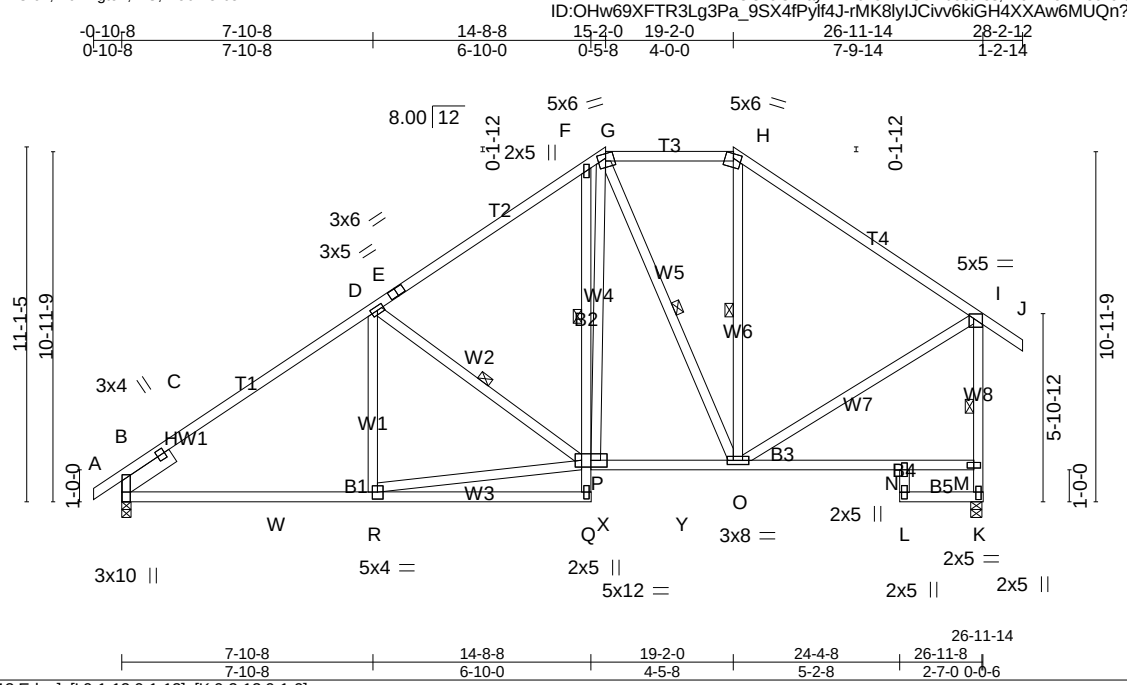

Plate Offsets (X,Y)-- [B:0-7-13,Edge], [I:0-1-12,0-1-12], [K:0-2-12,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	-0.08	N-O	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.16	Q-R	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.07	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 210 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B2,B4: 2x4 SP No.3
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -$ 1-11-12

REACTIONS. (lb/size) B=1125/0-3-8, K=1158/0-4-3
Max Horz B=349(LC 9)
Max UpliftB=-138(LC 10), K=-102(LC 11)

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

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-255/134, C-D=-1371/278, D-E=-1045/267, E-F=-931/306, F-G=-971/405, G-H=-653/288, H-I=-875/266, I-J=0/46, K-M=-1120/249, I-M=-1079/273
BOT CHORD B-W=-181/1212, R-W=-181/1212, Q-R=0/93, P-Q=0/122, F-P=-281/210, P-X=-122/799, X-Y=-122/799, O-Y=-122/799, N-O=-88/94, M-N=-111/98, L-N=0/25, K-L=-38/32
WEBS D-R=-17/181, G-O=-378/125, H-O=-48/195, I-O=-47/688, G-P=-308/847, P-R=-204/1182, D-P=-443/214

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 138 lb uplift at joint B and 102 lb uplift at joint K.
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	PROMENADE CRAFTSMAN
19120346	A19	PIGGYBACK BASE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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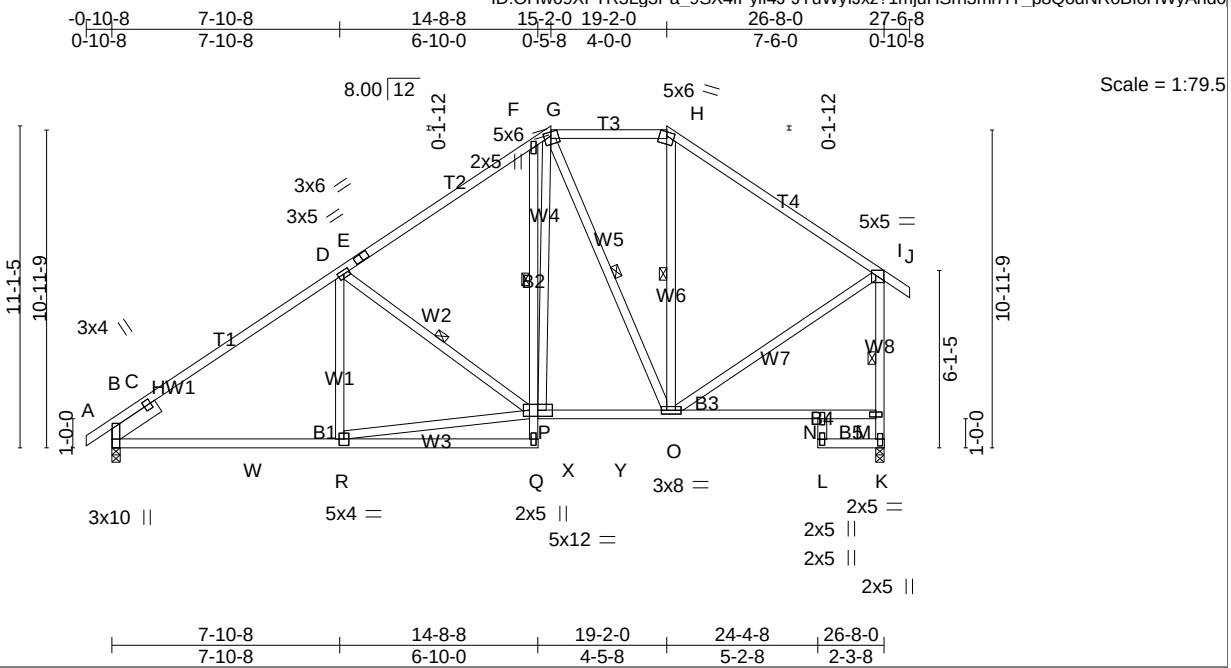

Plate Offsets (X,Y)-- [B:0-7-13,Edge], [I:0-3-4,Edge], [K:0-2-12,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.07	N-O	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.16	Q-R	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.06	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 208 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B2,B4: 2x4 SP No.3
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -$ 1-11-12

REACTIONS. (lb/size) B=1113/0-3-8, K=1122/0-3-8
Max Horz B=349(LC 9)
Max UpliftB=-137(LC 10), K=-93(LC 11)

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-H.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: K-L.
1 Row at midpt F-P
WEBS 1 Row at midpt G-O, H-O, I-K, D-P

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-255/134, C-D=-1352/272, D-E=-1023/261, E-F=-909/301, F-G=-950/400, G-H=-631/283, H-I=-837/261, I-J=0/34, K-M=-1087/231, I-M=-1047/256
BOT CHORD B-W=-184/1196, R-W=-184/1196, Q-R=0/90, P-Q=0/121, F-P=-278/209, P-X=-128/779, X-Y=-128/779, O-Y=-128/779, N-O=-91/98, M-N=-114/106, L-N=0/19, K-L=-38/30
WEBS D-R=-14/183, G-O=-393/123, H-O=-53/185, I-O=-50/680, G-P=-306/847, P-R=-206/1167, D-P=-447/214

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint B and 93 lb uplift at joint K.
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	PROMENADE CRAFTSMAN
19120346	A20	PIGGYBACK BASE	6	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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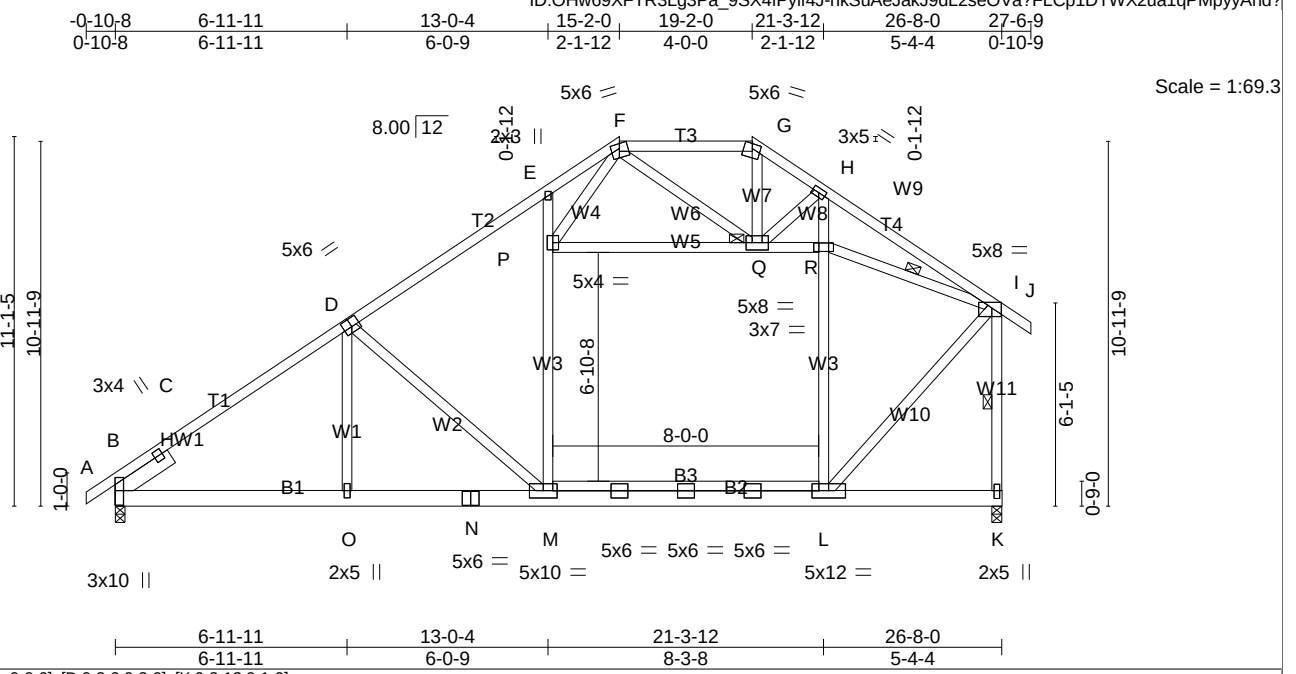

Plate Offsets (X,Y)-- [B:Edge,0-0-0], [D:0-3-0,0-3-0], [K:0-2-12,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.47	Vert(LL)	-0.11	L-M	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.18	L-M	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.02	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.07	L-M	1365	360	Weight: 233 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B3: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
W3,W5: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 -$ 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-5 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt I-K, I-R
JOINTS 1 Brace at Jt(s): Q

REACTIONS. (lb/size) B=1142/0-3-8, K=1176/0-3-8
Max Horz B=347(LC 9)
Max Uplift B=-120(LC 10), K=-61(LC 11)
Max Grav B=1217(LC 18), K=1355(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-524/0, C-D=-1539/252, D-E=-1249/268, E-F=-1226/378, F-G=-170/248, G-H=-260/287, H-I=-373/1003, I-J=0/34, I-K=-1384/217
BOT CHORD B-O=-180/1381, N-O=-180/1380, M-N=-180/1380, L-M=-90/1061, K-L=-75/91
WEBS D-O=0/249, D-M=-465/229, M-P=-29/623, E-P=-266/197, P-Q=-605/141, Q-R=-1787/362, L-R=-654/127, H-R=-1233/243, G-Q=-181/128, F-P=-256/1113, H-Q=-254/891, I-L=-91/1545, F-Q=-627/146, I-R=-1857/376

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). P-Q, Q-R
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. L-M
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 120 lb uplift at joint B and 61 lb uplift at joint 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 SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A21	Hip	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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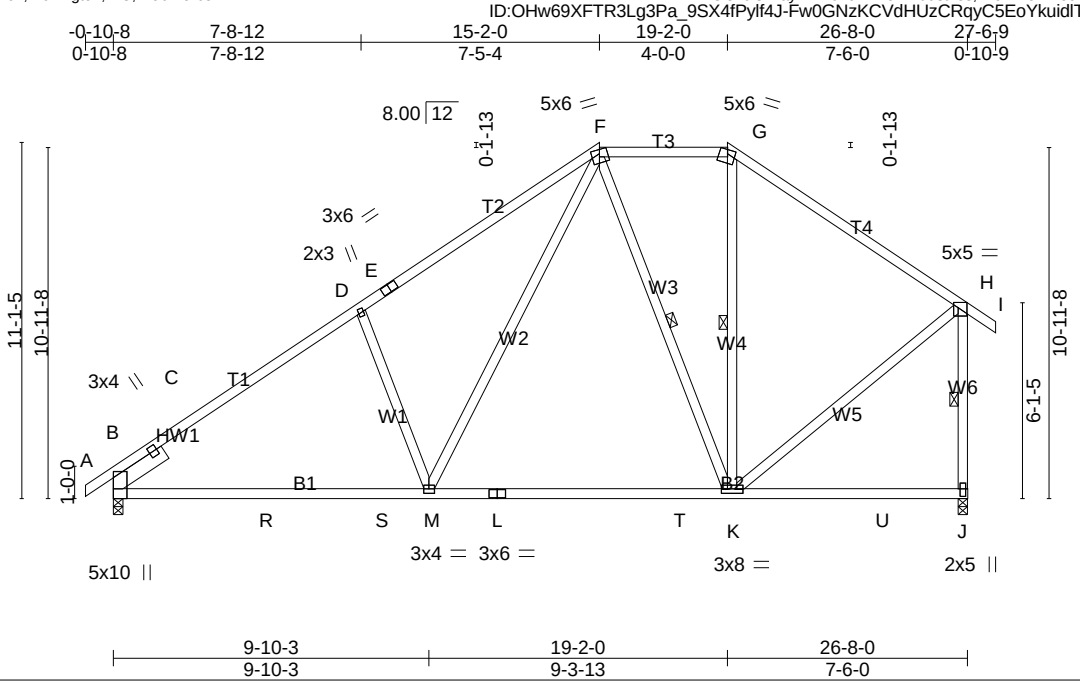

Plate Offsets (X,Y)-- [H:0-3-4,Edge], [J:0-2-12,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	-0.30	K-M	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.45	K-M	>700	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.03	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 175 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -$ 1-11-12

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): F-G.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt G-K, F-K, H-J

REACTIONS. (lb/size) B=1113/0-3-8, J=1123/0-3-8
Max Horz B=349(LC 9)
Max Uplift B=-137(LC 10), J=-94(LC 11)
Max Grav B=1173(LC 17), J=1175(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD	A-B=0/29, B-C=-420/23, C-D=-1414/285, D-E=-1331/353, E-F=-1215/396, F-G=-605/290, G-H=-796/272, H-I=0/34, H-J=-1070/250
BOT CHORD	B-R=-198/1274, R-S=-198/1274, M-S=-198/1274, L-M=-121/759, L-T=-121/759, K-T=-121/759, K-U=-75/78, J-U=-75/78
WEBS	G-K=-79/183, D-M=-421/309, F-M=-203/831, F-K=-374/151, H-K=-43/753

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint B and 94 lb uplift at joint J.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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	PROMENADE CRAFTSMAN
19120346	A22	HIP	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:23 2019 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-Fw0GNzKCVdHUzCRqyC5EoYkundkLGV_kGU8vMPyAnd_

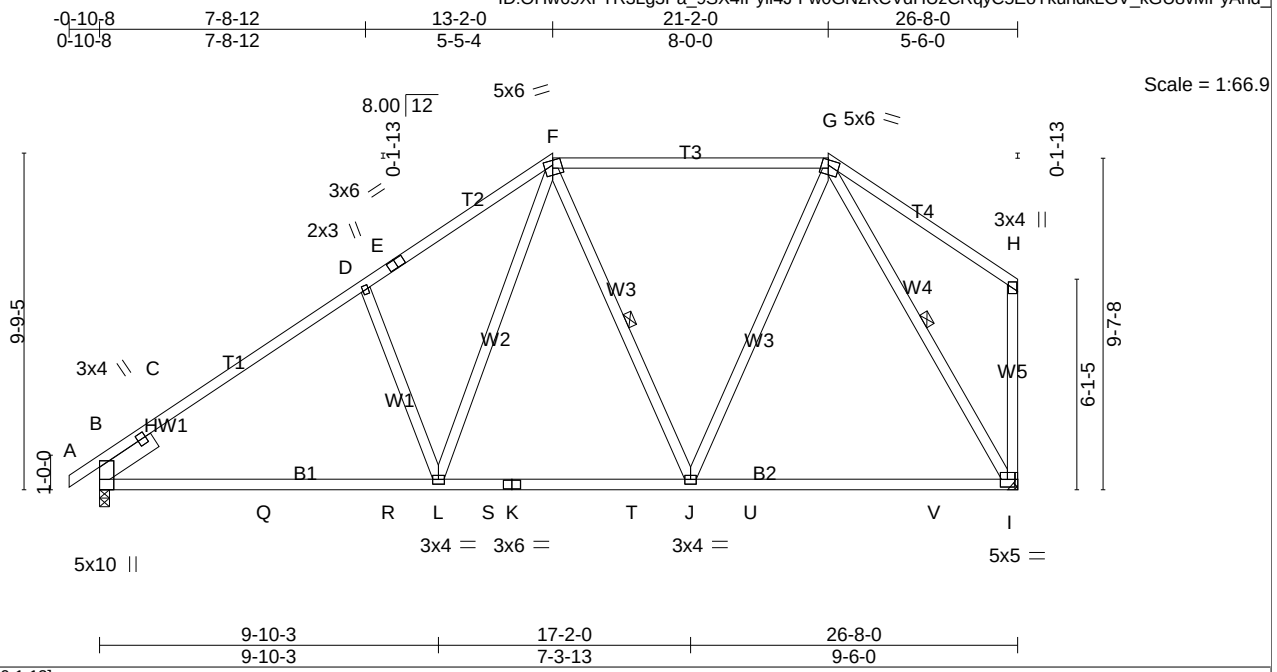

Plate Offsets (X,Y)-- [G:0-2-4,0-1-12]

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	0.86	Vert(LL)	-0.35	I-J	>914	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.98	Vert(CT)	-0.57	I-J	>554	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.03	I	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 168 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* T3: 2x4 SP No.1
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -$ 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-12 oc purlins, except end verticals, and 2-0-0 oc purlins (3-11-6 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt F-J, G-I

REACTIONS. (lb/size) B=1114/0-3-8, I=1060/Mechanical
Max Horz B=311(LC 9)
Max Uplift B=-127(LC 10), I=-59(LC 11)
Max Grav B=1163(LC 17), I=1148(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-493/41, C-D=-1399/278, D-E=-1275/333, E-F=-1184/365, G-H=-217/204, H-I=-235/164, F-G=-748/262
BOT CHORD B-Q=-215/1200, Q-R=-215/1200, L-R=-215/1200, L-S=-172/859, K-S=-172/859, K-T=-172/859, J-T=-172/859, J-U=-112/522, U-V=-112/522, I-V=-112/522
WEBS D-L=-354/266, F-L=-177/656, F-J=-279/137, G-J=-17/626, G-I=-996/154

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 127 lb uplift at joint B and 59 lb uplift at joint I.
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	PROMENADE CRAFTSMAN
19120346	A23	Hip	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:24 2019 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-j7afbJLqGwPLaM?1WwcTKmH5T176?z_tV8uTtryAncz

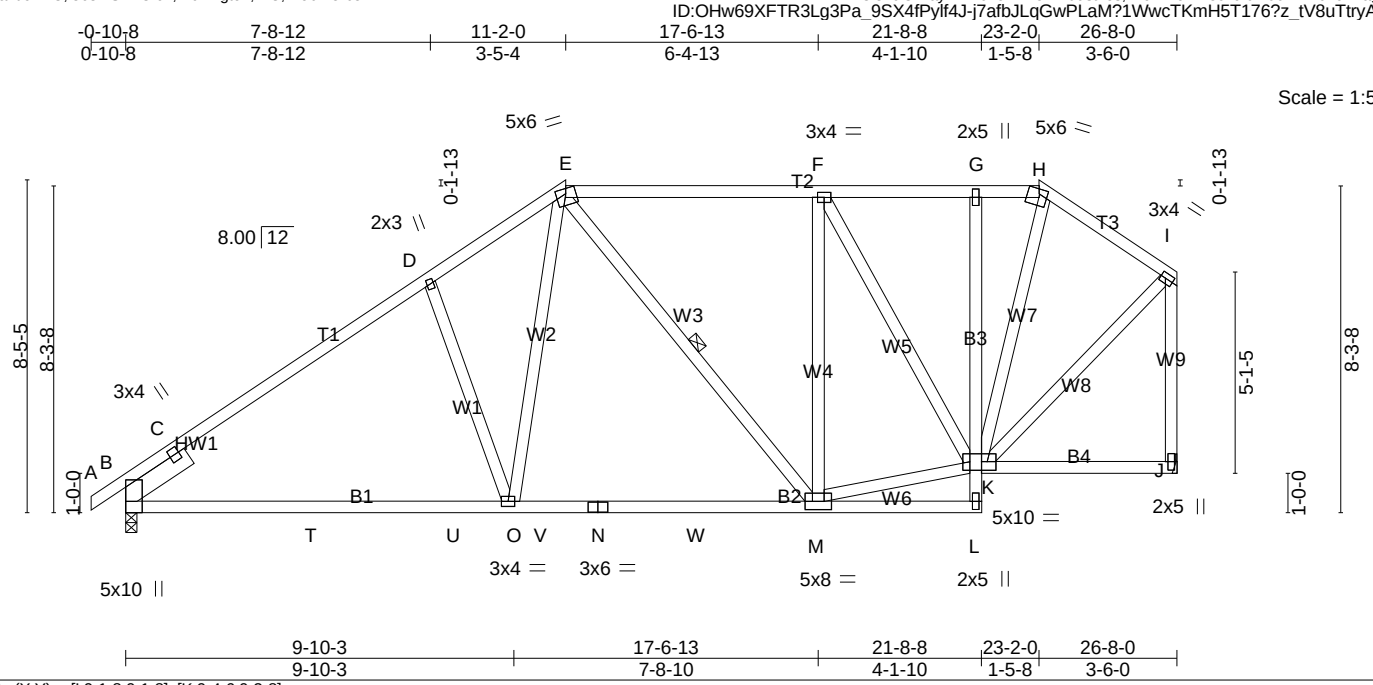

Plate Offsets (X,Y)-- [I:0-1-8,0-1-8], [K:0-4-6,0-2-8]

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	0.73	Vert(LL)	-0.14	O-R	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.28	O-R	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.04	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 193 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 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 3-2-2 oc purlins, except end verticals, and 2-0-0 oc purlins (5-5-9 max.): E-H.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: L-M.
WEBS 1 Row at midpt E-M

REACTIONS. (lb/size) B=1114/0-3-8, J=1060/Mechanical
Max Horz B=254(LC 7)
Max Uplift B=-116(LC 10), J=-63(LC 7)
Max Grav B=1115(LC 2), J=1060(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-432/80, C-D=-1354/280, D-E=-1221/349, E-F=-822/288, F-G=-612/233, G-H=-614/233, H-I=-724/230, I-J=-1009/226
BOT CHORD B-T=-220/1091, T-U=-220/1091, O-U=-220/1091, O-V=-189/893, N-V=-189/893, N-W=-189/893, M-W=-189/893, L-M=-22/10, K-L=0/54, G-K=-132/60, J-K=-62/77
WEBS D-O=-313/245, E-O=-142/647, F-M=-87/174, K-M=-158/838, F-K=-456/112, H-K=-58/277, E-M=-230/79, I-K=-126/780

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 116 lb uplift at joint B and 63 lb uplift at joint J.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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	PROMENADE CRAFTSMAN
19120346	A24	Hip	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:25 2019 Page 1
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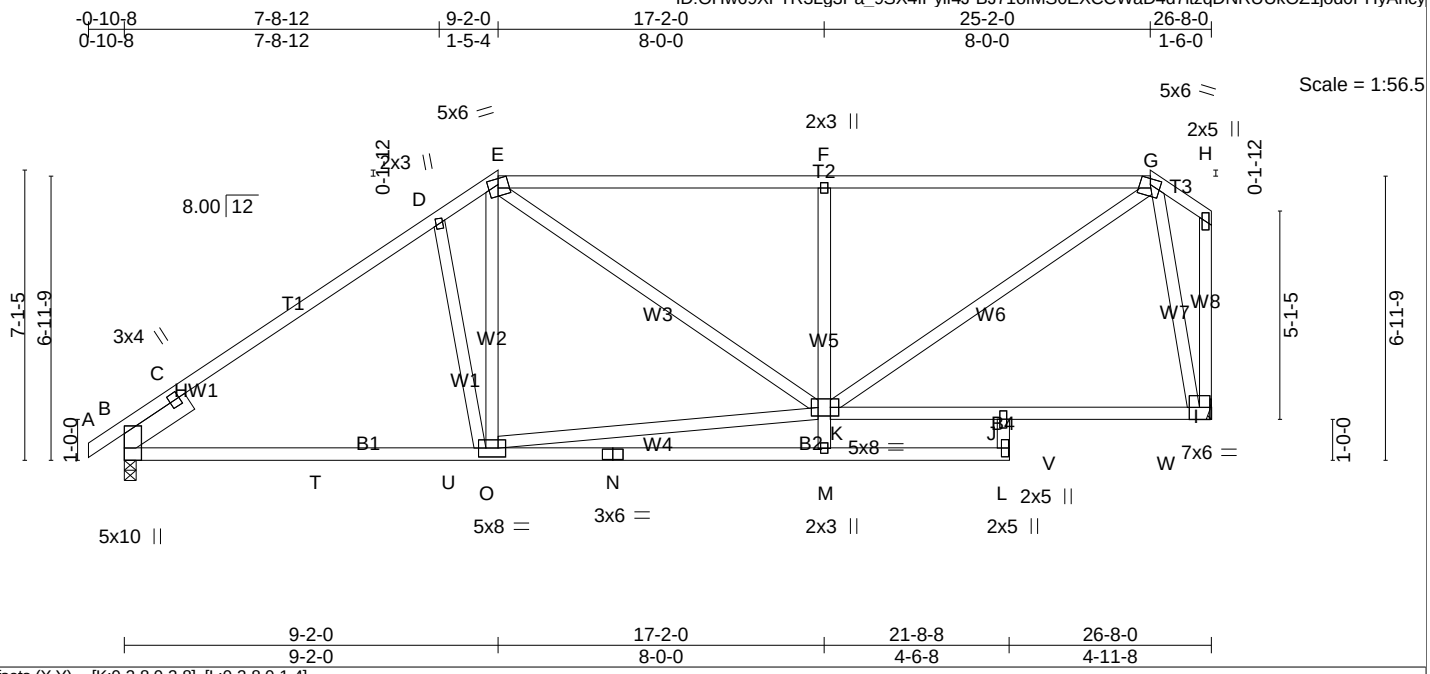


Plate Offsets (X,Y)-- [K:0-2-8,0-2-8], [L:0-2-8,0-1-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.91	Vert(LL)	-0.18	I-J	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.39	I-J	>822	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	-0.03	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 180 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 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 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (2-2-0 max.): E-G.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) B=1114/0-3-8, I=1060/Mechanical
Max Horz B=221(LC 7)
Max UpliftB=-102(LC 10), I=-142(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-311/137, C-D=-1342/284, D-E=-1189/369, E-F=-1217/323, F-G=-1208/317, G-H=-134/98, H-I=-122/58
BOT CHORD B-T=-232/1021, T-U=-232/1021, O-U=-232/1021, N-O=-76/67, M-N=-76/67, L-M=-127/13, J-L=-13/6, J-K=-12/304, J-V=-96/255, V-W=-96/255, I-W=-96/255
WEBS D-O=-310/292, E-O=-206/442, K-O=-147/951, K-M=0/354, F-K=-563/257, G-K=-205/1179, E-K=-150/368, G-I=-1030/289

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 102 lb uplift at joint B and 142 lb uplift at joint I.
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

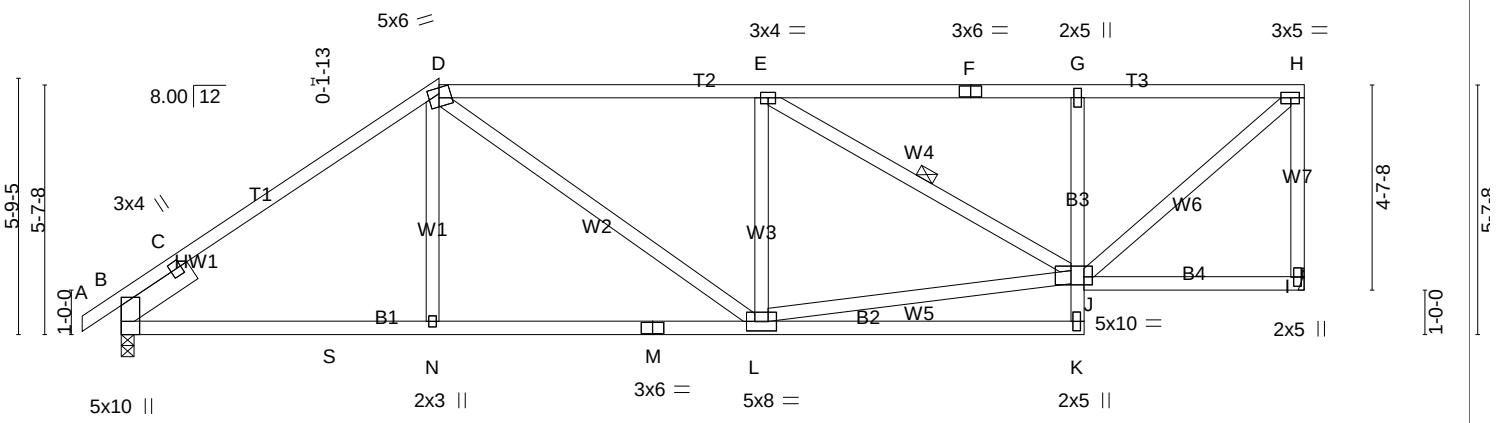
Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A25	Half Hip	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:25 2019 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-BJ71ofMS0EXCCWaD4d7itzqC2RTzkQH1jod0PHyAncy

-0-10-8 | 7-2-0 | 14-5-4 | 21-8-8 | 26-8-0
0-10-8 | 7-2-0 | 7-3-4 | 7-3-4 | 4-11-8

Scale = 1:51.9



7-2-0 | 14-5-4 | 21-8-8 | 26-8-0
7-2-0 | 7-3-4 | 7-3-4 | 4-11-8

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	-0.10	L-N	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.21	L-N	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	-0.05	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 161 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B3: 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, except end verticals, and 2-0-0 oc purlins (3-6-1 max.): D-H.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt E-J

REACTIONS. (lb/size) I=1060/Mechanical, B=1114/0-3-8
Max Horz B=179(LC 7)
Max Uplift I=-198(LC 7), B=-84(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-268/153, C-D=-1371/281, D-E=-1380/347, E-F=-1021/279, F-G=-1021/279, G-H=-1027/276, H-I=-1003/237
BOT CHORD B-S=-230/1055, N-S=-230/1055, M-N=-232/1052, L-M=-232/1052, K-L=-8/102, J-K=0/129, G-J=-378/172, I-J=-55/68
WEBS D-N=0/250, D-L=-188/495, E-L=-298/216, J-L=-285/1295, E-J=-426/83, H-J=-271/1344

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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint I and 84 lb uplift at joint B.
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	PROMENADE CRAFTSMAN
19120346	A26	Half Hip Girder	1	2	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:32 2019 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-Uf3gG2RrNOPCYbdZ_blLfScWVFvetae2KOqu9NyAncr

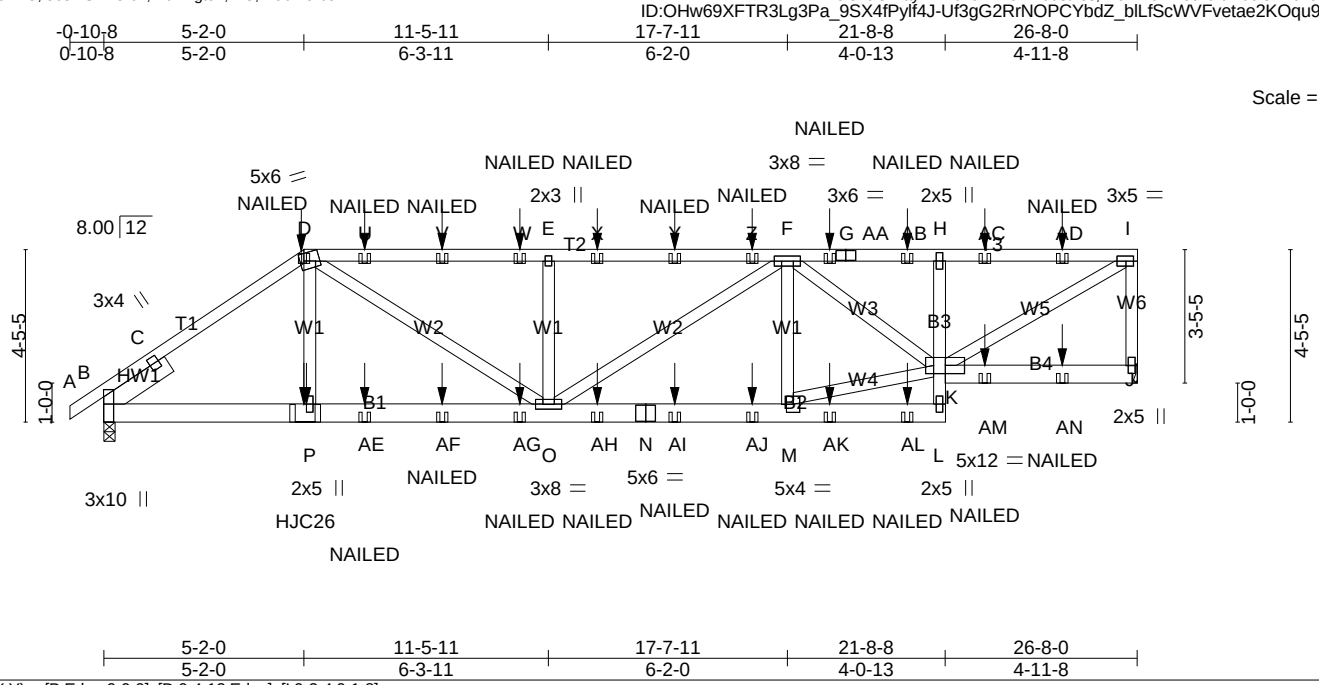


Plate Offsets (X,Y)-- [B:Edge,0-0-0], [D:0-4-12,Edge], [I:0-2-4,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.54	Vert(LL)	0.08	O	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.59	Vert(CT)	-0.14	O-P	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.58	Horz(CT)	0.02	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 354 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B3: 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.): D-I.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) J=1795/Mechanical, B=1852/0-3-8
Max Horz B=134(LC 5)
Max UpliftJ=-503(LC 5), B=-400(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-1218/373, C-D=-2505/622, D-U=-3134/835, U-V=-3134/835, V-W=-3134/835, E-W=-3134/835, E-X=-3134/835, X-Y=-3134/835, Y-Z=-3134/835, F-Z=-3134/835, F-AA=-2399/661, G-AA=-2399/661, G-AB=-2399/661, H-AB=-2399/661, H-AC=-2435/673, AC-AD=-2435/673, I-AD=-2435/673, I-J=-1665/503
BOT CHORD B-P=-582/2007, P-AE=-580/2016, AE-AF=-580/2016, AF-AG=-580/2016, O-AG=-580/2016, O-AH=-773/2757, N-AH=-773/2757, N-AI=-773/2757, AI-AJ=-773/2757, M-AJ=-773/2757, M-AK=-94/287, AK-AL=-94/287, L-AL=-94/287, K-L=0/124, H-K=-410/227, K-AM=-55/51, AM-AN=-55/51, J-AN=-55/51
WEBS D-P=0/354, D-O=-433/1376, E-O=-691/403, F-O=-132/451, F-M=-460/297, K-M=-701/2549, F-K=-455/96, I-K=-786/2805

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 0-9-0 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 503 lb uplift at joint J and 400 lb uplift at joint B.
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) Use USP HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent at 5-2-6 from the left end to connect truss(es) A28 (1 ply 2x4 SP), A31 (1 ply 2x4 SP) to front face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.
13) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-D=-60, D-I=-60, L-Q=-20, J-K=-20

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A26	Half Hip Girder	1	2	Job Reference (optional)

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: D=-76(F) P=-277(F) U=-76(F) V=-76(F) W=-76(F) X=-76(F) Y=-76(F) Z=-76(F) AA=-76(F) AB=-76(F) AC=-64(F) AD=-64(F) AE=-36(F) AF=-36(F) AG=-36(F) AH=-36(F) AI=-36(F) AJ=-36(F) AK=-36(F) AL=-36(F) AM=-48(F) AN=-48(F)

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	A27	Jack-Open	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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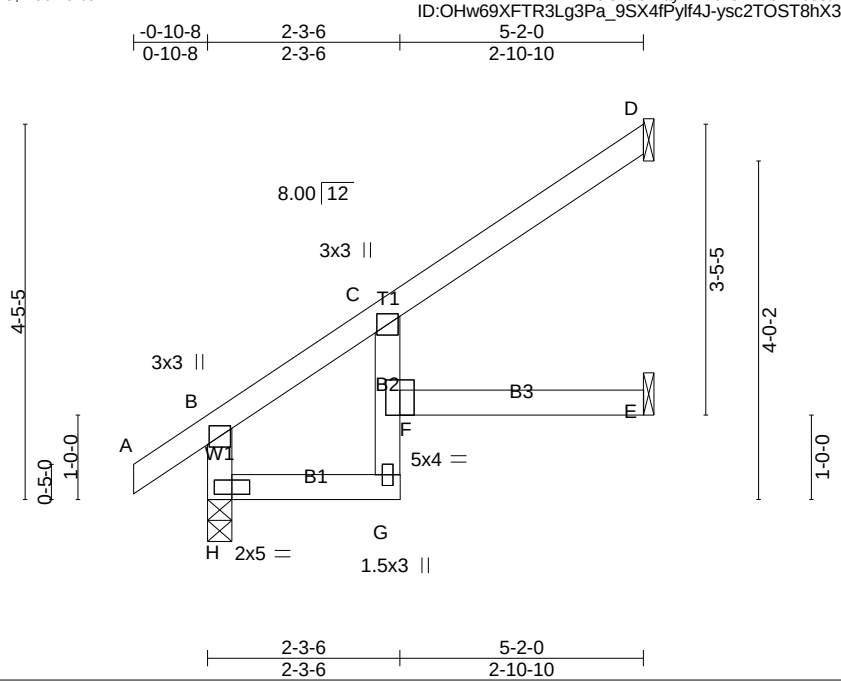

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	0.06	E-F	>944	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	-0.08	E-F	>778	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.04	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 22 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B2: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) D=124/Mechanical, E=68/Mechanical, H=266/0-3-8
Max Horz H=140(LC 10)
Max Uplift D=-84(LC 10), E=-14(LC 10)
Max Grav D=136(LC 17), E=84(LC 3), H=266(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-H=-237/69, A-B=0/34, B-C=-163/0, C-D=-72/80
BOT CHORD G-H=-95/138, F-G=-18/36, C-F=-4/66, E-F=0/0

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) H 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 capable of withstanding 84 lb uplift at joint D and 14 lb uplift at joint E.
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	PROMENADE CRAFTSMAN
19120346	A28	Jack-Open	9	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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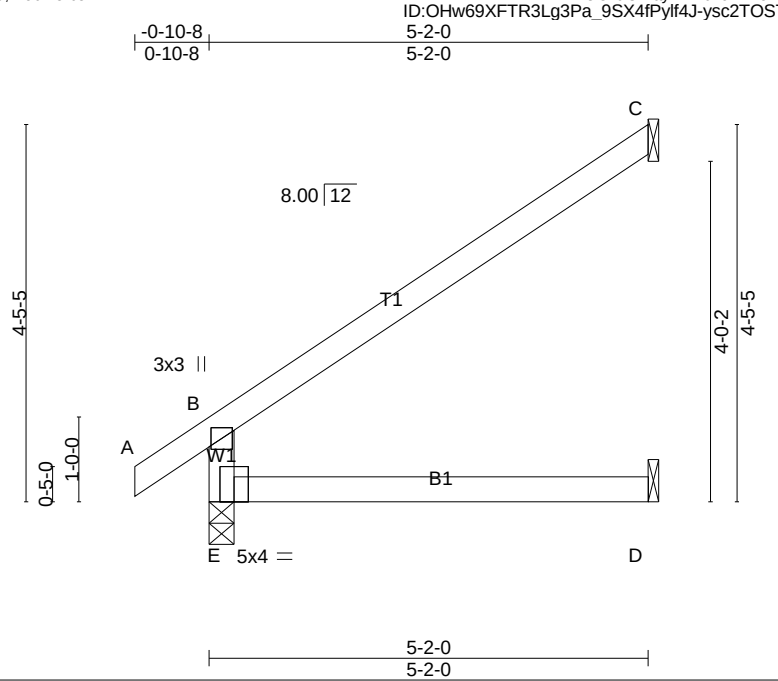

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	-0.03	D-E	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.07	D-E	>893	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.06	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 20 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 5-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) C=136/Mechanical, D=56/Mechanical, E=266/0-3-8
Max Horz E=140(LC 10)
Max Uplift C=-108(LC 10)
Max Grav C=152(LC 17), D=96(LC 3), E=266(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-E=-223/79, A-B=0/34, B-C=-115/89
BOT CHORD D-E=0/0

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 capable of withstanding 108 lb uplift at joint C.
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	PROMENADE CRAFTSMAN
19120346	A29	Jack-Open	2	1	Job Reference (optional)

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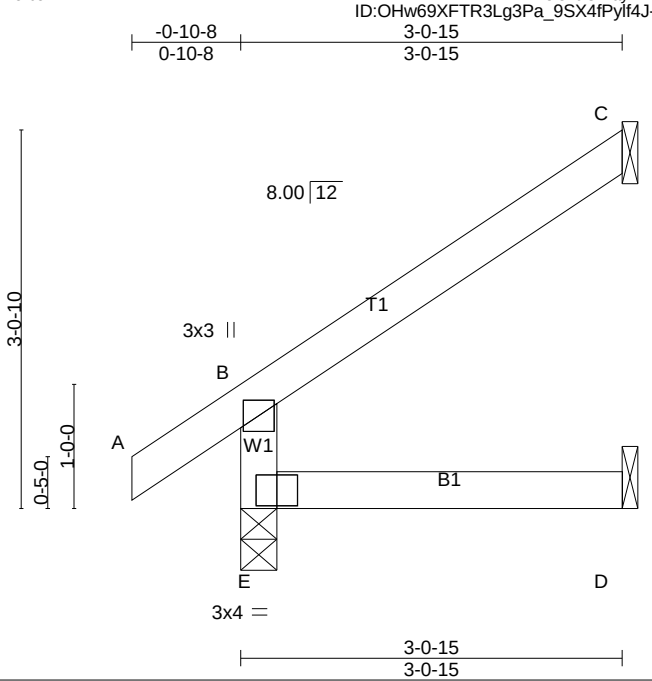

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	0.01	D-E	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	-0.01	D-E	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 13 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 3-0-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) C=73/Mechanical, D=30/Mechanical, E=187/0-3-8
Max Horz E=86(LC 10)
Max Uplift C=-63(LC 10), D=-1(LC 10)
Max Grav C=84(LC 17), D=54(LC 3), E=187(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-E=-160/67, A-B=0/34, B-C=-68/52
BOT CHORD D-E=0/0

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 capable of withstanding 63 lb uplift at joint C and 1 lb uplift at joint D.
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	PROMENADE CRAFTSMAN
19120346	A30	Jack-Open	2	1	Job Reference (optional)

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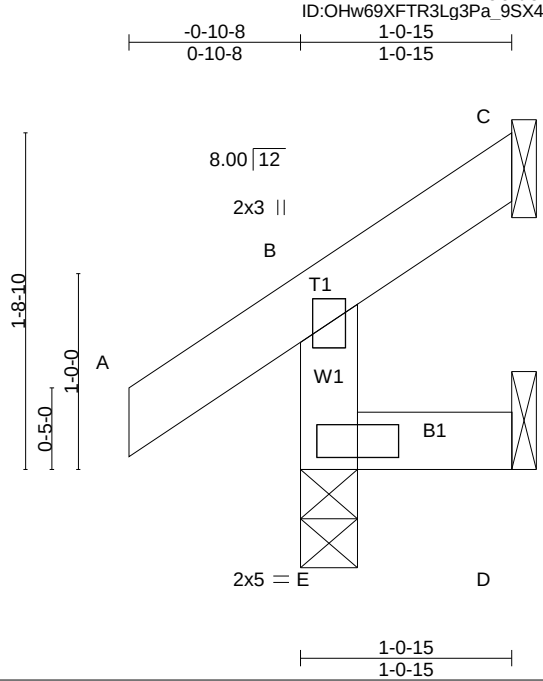

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	-0.00	E	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	-0.00	E	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 6 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 1-0-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) C=1/Mechanical, D=2/Mechanical, E=132/0-3-8
Max Horz E=40(LC 7)
Max Uplift C=-20(LC 10), D=-9(LC 7), E=-6(LC 10)
Max Grav C=13(LC 8), D=17(LC 8), E=132(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-E=-115/58, A-B=0/34, B-C=-30/23
BOT CHORD D-E=0/0

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 capable of withstanding 20 lb uplift at joint C, 9 lb uplift at joint D and 6 lb uplift at joint E.
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	PROMENADE CRAFTSMAN
19120346	A31	Diagonal Hip Girder	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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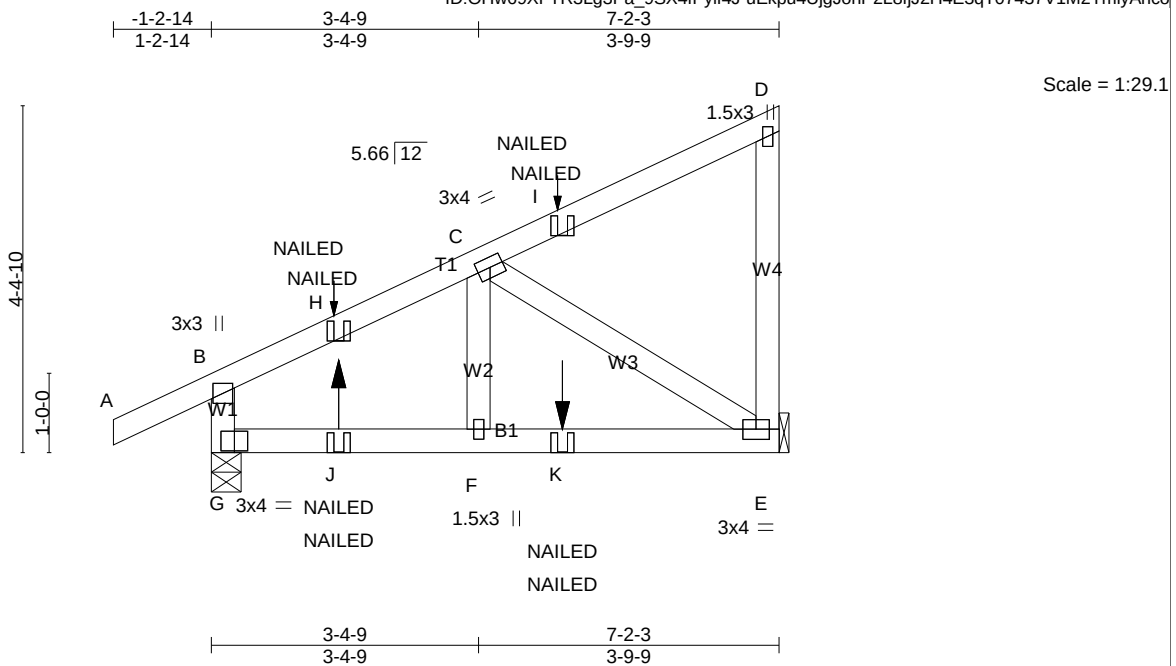

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	-0.01	E-F	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	-0.02	E-F	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.09	Horz(CT)	0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 40 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) G=363/0-4-9, E=269/Mechanical
Max Horz G=170(LC 7)
Max Uplift G=-90(LC 8), E=-97(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-G=-309/92, A-B=0/35, B-H=-278/52, C-H=-211/67, C-I=-68/54, D-I=-84/35, D-E=-104/53
BOT CHORD G-J=-128/201, F-J=-128/201, F-K=-128/201, E-K=-128/201
WEBS C-F=0/129, C-E=-225/131

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; cantilever left and right exposed ; end vertical left and right exposed; 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) G 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 capable of withstanding 90 lb uplift at joint G and 97 lb uplift at joint E.
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) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-B=-60, B-D=-60, E-G=-20
Concentrated Loads (lb)
Vert: J=7(F=4, B=4) K=-5(F=-3, B=-3)

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	B1	Roof Special Girder	1	2	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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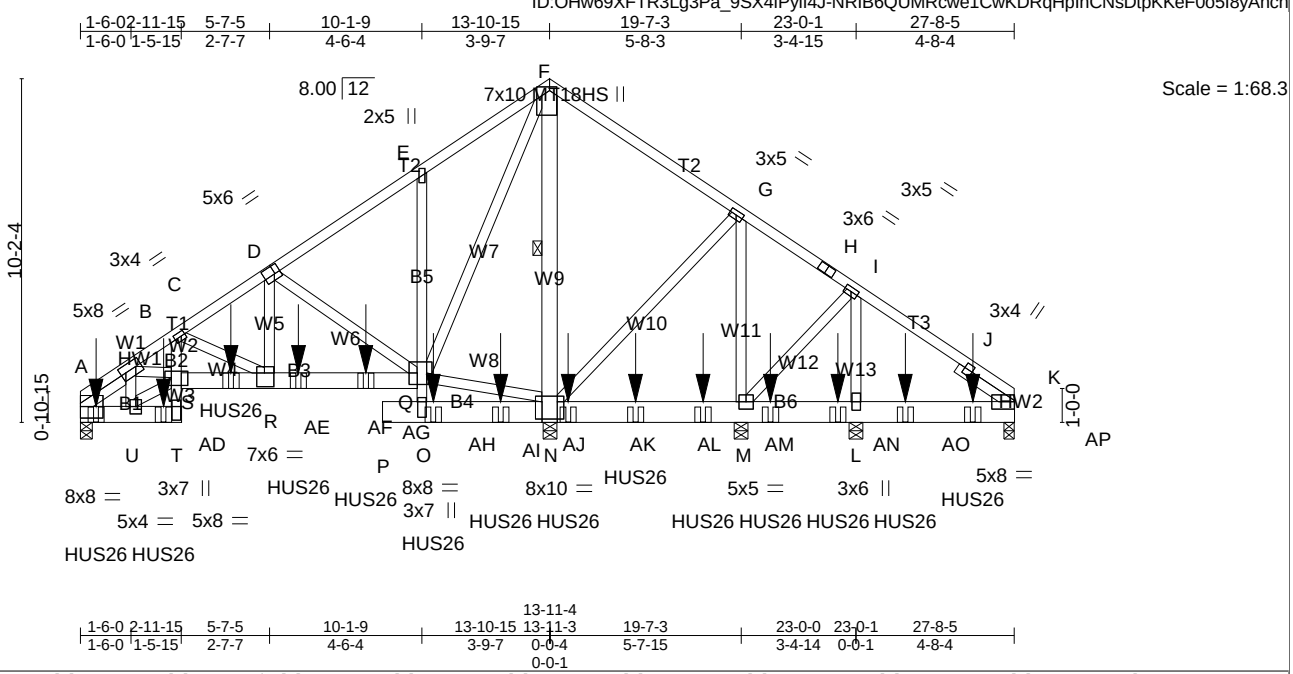

Plate Offsets (X,Y)-- [C:0-1-8,0-1-8], [D:0-2-0,0-3-0], [F:0-1-4,Edge], [K:0-0-0,0-3-1], [N:0-5-0,0-6-0], [O:0-5-8,0-1-8], [Q:0-2-12,0-4-0], [R:0-2-12,0-4-12], [S:0-5-12,0-2-12], [T:0-4-12,0-1-8]

LOADING (psf)		SPACING- 2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL 1.15	TC	0.48	Vert(LL)	-0.08	Q-R	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.82	Vert(CT)	-0.16	Q-R	>999	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr NO	WB	0.86	Horz(CT)	0.07	N	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-MSH							Weight: 485 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP No.2 *Except*
B1: 2x6 SP No.2, B2: 2x4 SP No.2, B3: 2x6 SP No.1, B5: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
W7: 2x4 SP No.2, W9: 2x6 SP No.2
SLIDER Left 2x4 SP No.3 -$ 1-8-3, Right 2x4 SP No.3 -$ 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
10-0-0 oc bracing: O-Q
WEBS 1 Row at midpt F-N

REACTIONS. (lb/size) A=4150/0-4-4, M=1774/0-4-15, L=1047/0-4-15, K=400/0-3-9, N=10316/0-4-15
Max Horz A=229(LC 5)
Max Uplift A=-120(LC 9), M=-324(LC 9), L=-105(LC 4), K=-162(LC 9), N=-634(LC 8)
Max Grav A=4150(LC 1), M=1852(LC 22), L=1105(LC 22), K=433(LC 20), N=10316(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-2098/81, B-C=-6127/252, C-D=-3856/144, D-E=-139/120, E-F=-93/184, F-G=-79/2470, G-H=-36/1503, H-I=-56/1469, I-J=-62/654, J-K=-43/238
BOT CHORD A-U=-207/2864, U-AD=-36/593, T-AD=-36/593, S-T=-25/1241, C-S=-98/2140, S-AE=-312/5154, R-AE=-312/5154, R-AF=-188/3101, AF-AG=-188/3101, Q-AG=-188/3101, O-P=0/0, O-AH=-261/19, AH-AI=-261/19, N-AI=-261/19, N-AJ=-1236/111, AJ-AK=-1236/111, AK-AL=-1236/111, M-AL=-1236/111, M-AM=-505/25, AM-AN=-505/25, L-AN=-505/25, L-AO=-505/25, AO-AP=-505/25, K-AP=-505/25, O-Q=-31/1538, E-Q=-276/190
WEBS N-Q=-1781/218, F-Q=-356/5004, F-N=-6199/347, G-N=-1161/173, G-M=-101/1200, I-M=-1121/179, I-L=-87/1149, B-U=-1752/145, S-U=-214/2829, B-S=-108/2389, D-R=-116/4136, C-R=-2189/171, D-Q=-3837/256

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, 2x4 - 1 row at 0-5-0 oc, 2x8 - 2 rows staggered at 0-6-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (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) All plates are MT20 plates unless otherwise indicated.
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) Bearing at joint(s) N considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 120 lb uplift at joint A, 324 lb uplift at joint M, 105 lb uplift at joint L, 162 lb uplift at joint K and 634 lb uplift at joint N.
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) 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 0-5-10 from the left end to 26-5-10 to connect truss(es) A14 (1 ply 2x4 SP), A13 (1 ply 2x4 SP), A12 (1 ply 2x4 SP), A11 (1 ply 2x4 SP), A10 (1 ply 2x4 SP), A9 (1 ply 2x4 SP), A8 (1 ply 2x4 SP), A7 (1 ply 2x4 SP), A6 (1 ply 2x4 SP), A5 (1 ply 2x4 SP), A4 (1 ply 2x4 SP), A3 (1 ply 2x4 SP) to back 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

Continued on page 2

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: A-F=-60, F-K=-60, T-V=-20, Q-S=-20, O-P=-20, O-Z=-20

Concentrated Loads (lb)

Vert: X=-1355(B) AD=-1341(B) AE=-1341(B) AF=-1347(B) AG=-1347(B) AH=-1347(B) AI=-1347(B) AJ=-1078(B) AK=-694(B) AL=-735(B) AM=-1055(B) AN=-1055(B) AO=-703(B) AP=-703(B)

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	B2	Common	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:37 2019 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-rdsZJmV_Cw2VeMVXn8LWMVJKuGdqYsnoUgXfqbyAncm

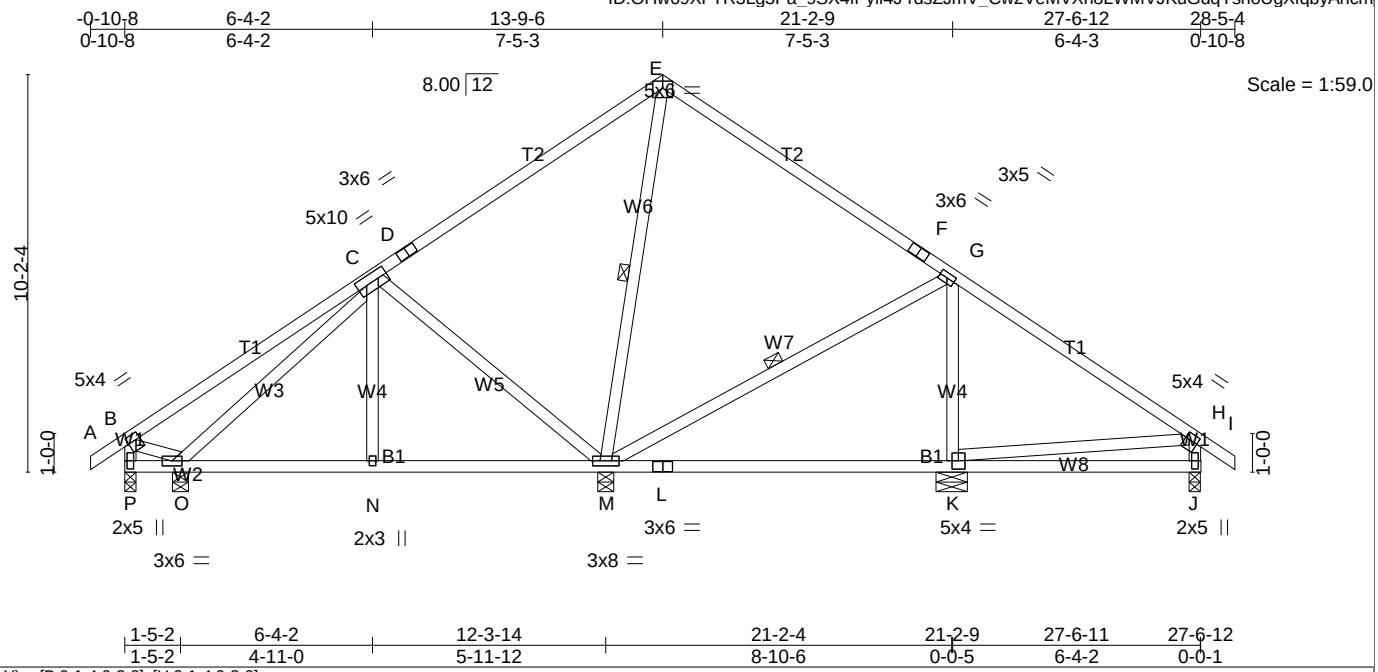

Plate Offsets (X,Y)-- [B:0-1-4,0-2-0], [H:0-1-4,0-2-0]

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	0.69	Vert(LL)	-0.11	K-M	>943	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.52	Vert(CT)	-0.23	K-M	>473	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.01	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 170 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt E-M, G-M

REACTIONS. (lb/size) P=242/0-3-8, O=315/0-4-15, M=874/0-4-15, K=550/0-9-11, J=322/0-3-8
Max Horz P=270(LC 9)
Max Uplift P=-30(LC 11), O=-69(LC 10), M=-157(LC 10), K=-77(LC 11), J=-63(LC 11)
Max Grav P=242(LC 1), O=334(LC 17), M=874(LC 1), K=561(LC 22), J=322(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/34, B-C=-203/73, C-D=-143/109, D-E=-44/199, E-F=-90/135, F-G=-174/91, G-H=-200/76, H-I=0/34, B-P=-258/39, H-J=-277/124
BOT CHORD O-P=-284/332, N-O=-114/388, M-N=-114/389, L-M=-6/99, K-L=-6/99, J-K=-73/179
WEBS C-O=-281/42, C-N=0/191, C-M=-465/239, E-M=-418/66, G-M=-171/166, G-K=-388/162, B-O=-172/211, H-K=-167/130

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 30 lb uplift at joint P, 69 lb uplift at joint O, 157 lb uplift at joint M, 77 lb uplift at joint K and 63 lb uplift at joint J.
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	PROMENADE CRAFTSMAN
19120346	B3	Common	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:38 2019 Page 1
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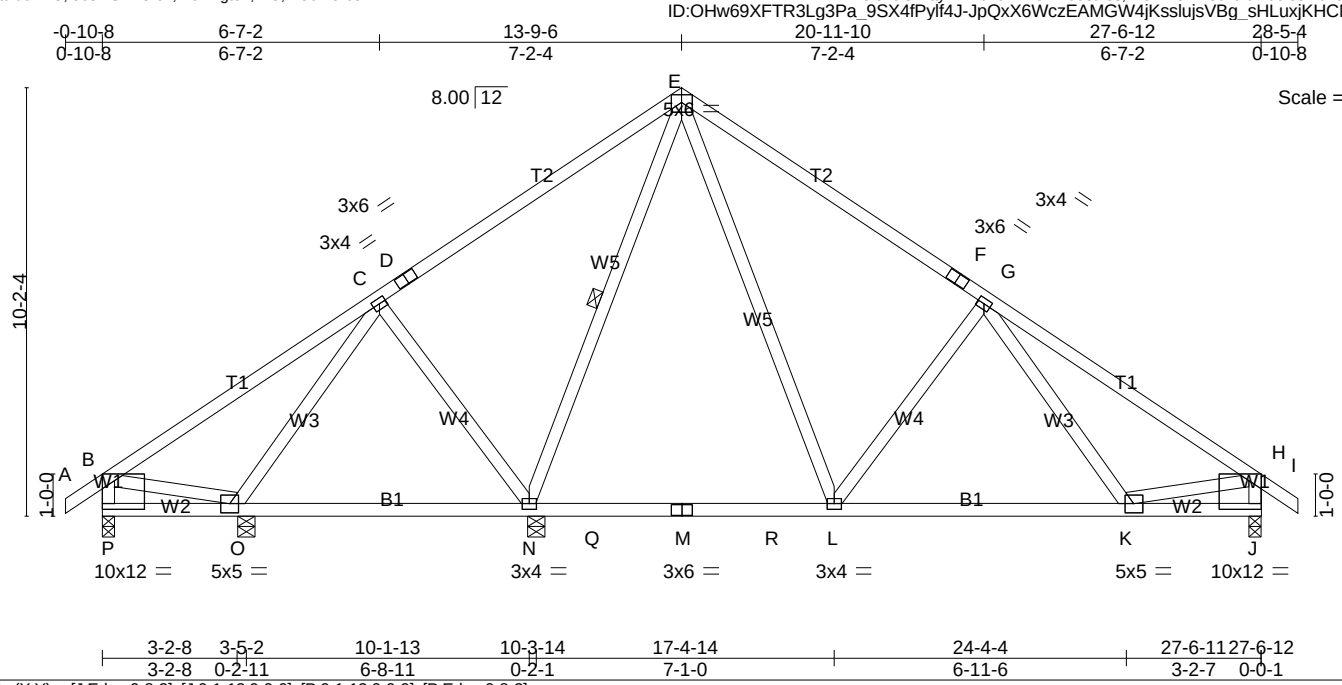

Plate Offsets (X,Y)-- [J:Edge,0-8-2], [J:0-1-12,0-0-0], [P:0-1-12,0-0-0], [P:Edge,0-8-2]

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	0.65	Vert(LL)	-0.13	L-N	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.47	Vert(CT)	-0.17	L-N	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.01	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 170 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 5-11-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt E-N

REACTIONS. (lb/size) P=240/0-3-8, N=1059/0-4-15, O=272/0-4-15, J=733/0-3-8
Max Horz P=270(LC 9)
Max Uplift P=-37(LC 11), N=-152(LC 10), O=-6(LC 10), J=-112(LC 11)
Max Grav P=246(LC 21), N=1116(LC 17), O=286(LC 21), J=733(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/34, B-C=-153/99, C-D=-96/104, D-E=-78/213, E-F=-563/227, F-G=-580/179, G-H=-779/138, H-I=0/34, B-P=-234/90, H-J=-716/150
BOT CHORD O-P=-290/356, N-O=-151/231, N-Q=-24/245, M-Q=-24/245, M-R=-24/245, L-R=-24/245, K-L=-18/563, J-K=-119/207
WEBS E-L=-133/593, G-L=-418/260, G-K=-11/151, E-N=-696/87, C-N=-366/268, C-O=-176/47, B-O=-232/211, H-K=0/413

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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint P, 152 lb uplift at joint N, 6 lb uplift at joint O and 112 lb uplift at joint J.
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	PROMENADE CRAFTSMAN
19120346	B4	Common	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:39 2019 Page 1
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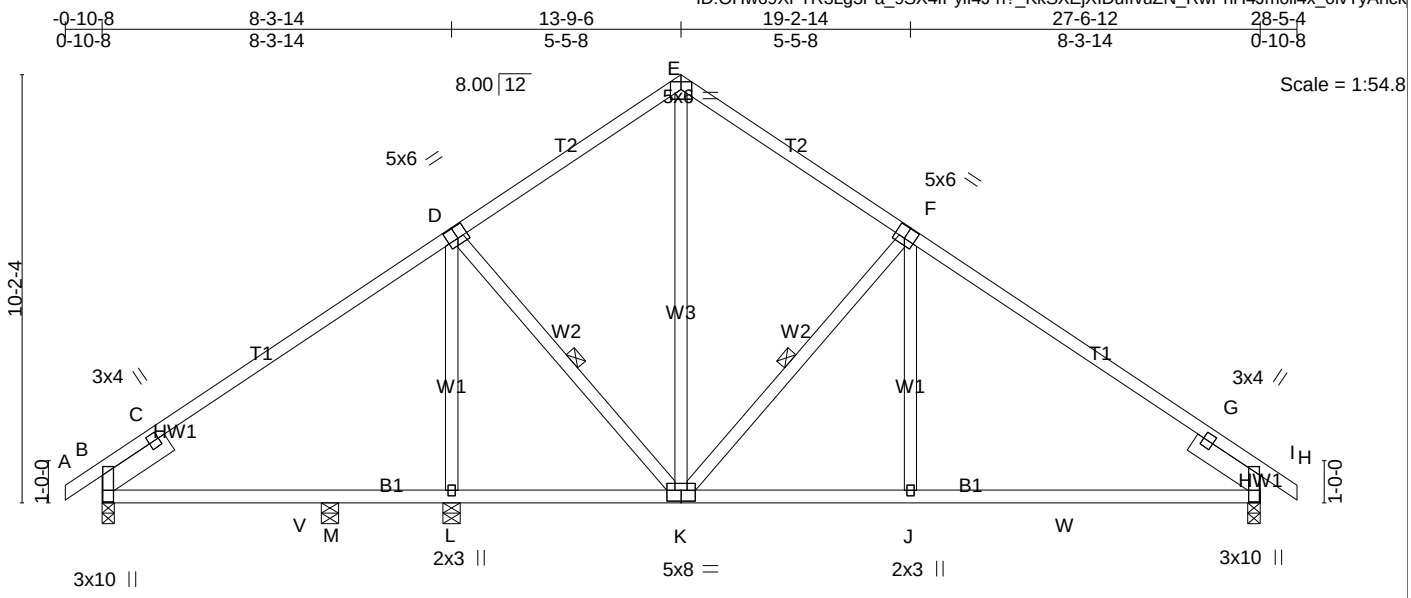

Plate Offsets (X,Y)-- [B:0-7-9,0-0-4], [D:0-3-0,0-3-4], [F:0-3-0,0-3-4], [H:0-7-9,0-0-4], [K:0-4-0,0-3-0]

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	0.63	Vert(LL)	-0.09	J-T	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.18	J-T	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.04	H	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 159 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
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 4-6-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-8-1 oc bracing.
WEBS 1 Row at midpt F-K, D-K

REACTIONS. (lb/size) B=654/0-3-8, L=571/0-4-15, H=957/0-3-8, M=127/0-4-15
Max Horz B=-242(LC 8)
Max Uplift B=-269(LC 10), H=-184(LC 11), M=-4(LC 10)
Max Grav B=654(LC 1), L=623(LC 18), H=957(LC 1), M=214(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-344/416, C-D=-698/463, D-E=-781/401, E-F=-780/401, F-G=-1090/353, G-H=-341/178, H-I=0/29
BOT CHORD B-V=-329/571, M-V=-329/571, L-M=-329/571, K-L=-328/576, J-K=-132/820, J-W=-131/823, H-W=-131/823
WEBS E-K=-332/622, F-K=-618/235, F-J=0/283, D-K=-173/379, D-L=-503/0

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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 269 lb uplift at joint B, 184 lb uplift at joint H and 4 lb uplift at joint M.
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	PROMENADE CRAFTSMAN
19120346	B5	GABLE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:40 2019 Page 1
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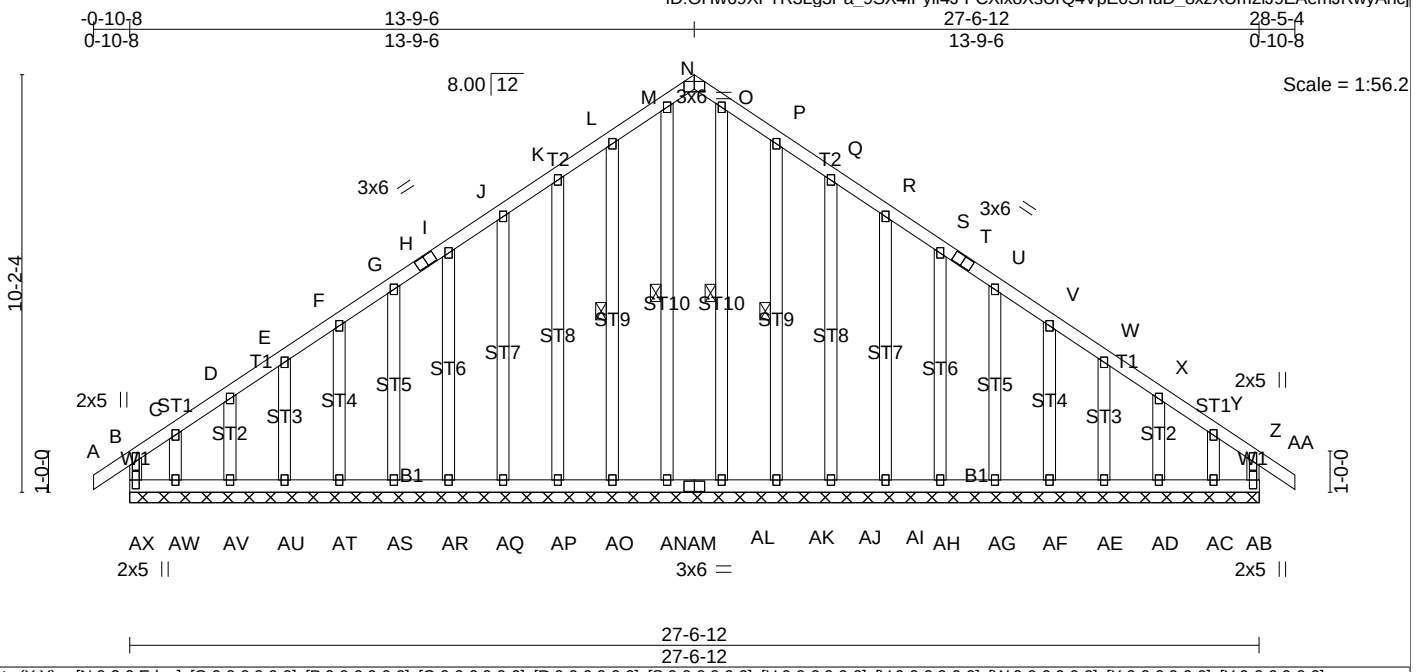

Plate Offsets (X,Y)-- [N:0-3-0,Edge], [O:0-0-0,0-0-0], [P:0-0-0,0-0-0], [Q:0-0-0,0-0-0], [R:0-0-0,0-0-0], [S:0-0-0,0-0-0], [U:0-0-0,0-0-0], [V:0-0-0,0-0-0], [W:0-0-0,0-0-0], [X:0-0-0,0-0-0], [Y:0-0-0,0-0-0]

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.15	Vert(LL)	-0.00	AA	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.10	Vert(CT)	-0.00	AA	n/r	90		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.10	Horz(CT)	0.01	AB	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-R							Weight: 250 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt M-AN, L-AO, O-AL, P-AK

REACTIONS. (lb/size) AX=127/27-6-12, AB=127/27-6-12, AN=107/27-6-12, AO=106/27-6-12, AP=107/27-6-12, AQ=107/27-6-12, AR=107/27-6-12, AS=107/27-6-12, AT=107/27-6-12, AU=105/27-6-12, AV=114/27-6-12, AW=59/27-6-12, AL=107/27-6-12, AK=106/27-6-12, AJ=107/27-6-12, AI=107/27-6-12, AH=107/27-6-12, AG=107/27-6-12, AF=107/27-6-12, AE=105/27-6-12, AD=114/27-6-12, AC=59/27-6-12
Max Horz AX=270(LC 9)
Max Uplift AX=-172(LC 6), AB=-105(LC 7), AO=-59(LC 10), AP=-46(LC 10), AQ=-42(LC 10), AR=-42(LC 10), AS=-43(LC 10), AT=-41(LC 10), AU=-48(LC 10), AV=-17(LC 10), AW=-204(LC 10), AK=-61(LC 11), AJ=-46(LC 11), AI=-41(LC 11), AH=-42(LC 11), AG=-43(LC 11), AF=-41(LC 11), AE=-47(LC 11), AD=-21(LC 11), AC=-180(LC 11)
Max Grav AX=253(LC 7), AB=198(LC 17), AN=155(LC 20), AO=114(LC 17), AP=113(LC 17), AQ=113(LC 17), AR=113(LC 17), AS=114(LC 17), AT=113(LC 17), AU=116(LC 17), AV=114(LC 21), AW=221(LC 8), AL=142(LC 19), AK=117(LC 18), AJ=114(LC 18), AI=113(LC 18), AH=113(LC 18), AG=114(LC 18), AF=113(LC 18), AE=115(LC 18), AD=114(LC 22), AC=173(LC 9)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-AX=-189/124, A-B=0/34, B-C=-224/199, C-D=-155/149, D-E=-142/138, E-F=-129/130, F-G=-118/128, G-H=-106/145, H-I=-93/149, I-J=-126/173, J-K=-158/201, K-L=-192/243, L-M=-234/293, M-N=-179/217, N-O=-179/218, O-P=-234/293, P-Q=-192/243, Q-R=-158/201, R-S=-126/163, S-T=-85/124, T-U=-94/119, U-V=-65/99, V-W=-77/80, W-X=-89/86, X-Y=-110/98, Y-Z=-182/134, Z-AA=0/34, Z-AB=-151/75
BOT CHORD AW-AX=-119/145, AV-AW=-119/145, AU-AV=-119/145, AT-AU=-119/145, AS-AT=-119/145, AR-AS=-119/145, AQ-AR=-119/145, AP-AQ=-119/145, AO-AP=-119/145, AN-AO=-119/145, AM-AN=-119/145, AL-AM=-119/145, AK-AL=-119/145, AJ-AK=-119/145, AI-AJ=-119/145, AH-AI=-119/145, AG-AH=-119/145, AF-AG=-119/145, AE-AF=-119/145, AD-AE=-119/145, AC-AD=-119/145, AB-AC=-119/145
WEBS M-AN=-145/72, L-AO=-102/75, K-AP=-89/62, J-AQ=-87/58, I-AR=-87/58, G-AS=-87/58, F-AT=-87/58, E-AU=-87/60, D-AV=-86/52, C-AW=-123/130, O-AL=-144/72, P-AK=-102/77, Q-AJ=-89/62, R-AI=-87/57, S-AH=-87/58, U-AG=-87/58, V-AF=-87/58, W-AE=-87/59, X-AD=-87/52, Y-AC=-123/118

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 2x3 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 1-4-0 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 172 lb uplift at joint AX, 105 lb uplift at joint AB, 59 lb uplift at joint AO, 46 lb uplift at joint AP, 42 lb uplift at joint AQ, 42 lb uplift at joint AR, 43 lb uplift at joint AS, 41 lb uplift at joint AT, 48 lb uplift at joint AU, 17 lb uplift at joint AV, 204 lb uplift at joint AW, 61 lb uplift at joint AK, 46 lb uplift at joint AJ, 41 lb uplift at joint AI, 42 lb uplift at joint AH, 43 lb uplift at joint AG, 41 lb uplift at joint AF, 47 lb uplift at joint AE, 21 lb uplift at joint AD and 180 lb uplift at joint AC.
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	PROMENADE CRAFTSMAN
19120346	C1	Roof Special Girder	1	3	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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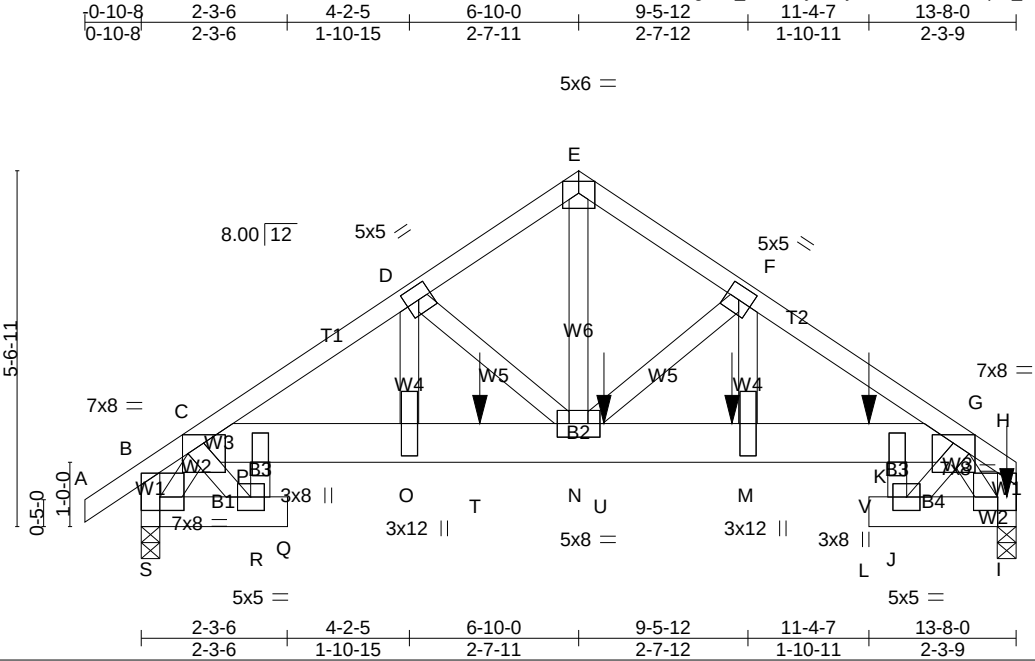

Plate Offsets (X,Y)-- [B:0-4-8,0-2-8], [B:0-1-12,0-1-3], [C:0-4-0,0-1-9], [F:0-0-0,0-0-0], [G:0-4-0,0-1-9], [H:0-4-8,0-2-8], [H:0-1-12,0-1-3], [K:0-5-8,0-1-8], [P:0-5-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	-0.04	N	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.08	N	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.57	Horz(CT)	0.08	I	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 306 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B3: 2x4 SP No.3, B2: 2x8 SP No.2
WEBS 2x4 SP No.3 *Except*
W1: 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.

REACTIONS. (lb/size) S=2670/0-3-8, I=4420/0-3-8
Max Horz S=146(LC 7)
Max UpliftS=-332(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/34, B-C=-604/92, C-D=-5172/667, D-E=-3929/449, E-F=-3941/461, F-G=-5763/296, G-H=-677/19, B-S=-785/133, H-I=-797/21
BOT CHORD R-S=-236/1519, Q-R=0/0, P-R=-285/1939, C-P=-539/4273, O-P=-545/4271, O-T=-545/4271, N-T=-545/4271, N-U=-180/4780, M-U=-180/4780, M-V=-180/4780, K-V=-180/4780, G-K=-147/4914, J-L=0/0, I-J=-24/2029, J-K=-22/2555
WEBS D-O=-264/1417, D-N=-1359/344, E-N=-449/4139, F-N=-2035/0, F-M=0/2155, C-R=-2295/356, C-S=-2273/259, G-J=-3036/46, G-I=-3113/31

NOTES-
1) 3-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 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc, 2x8 - 2 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (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) 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) Bearing at joint(s) S, I considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 332 lb uplift at joint S.
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) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1775 lb down and 411 lb up at 5-3-8, 1040 lb down and 106 lb up at 7-2-12, 1040 lb down and 62 lb up at 9-2-12, and 1040 lb down at 11-4-7, and 1135 lb down at 13-6-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-B=-60, B-E=-60, E-H=-60, R-S=-20, Q-R=-20, K-P=-20, J-L=-20, I-J=-20
Concentrated Loads (lb)
Vert: M=-1040(B) I=-1047(B) T=-1775(B) U=-1040(B) V=-1040(B)

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	C2	Roof Special	3	1	Job Reference (optional)

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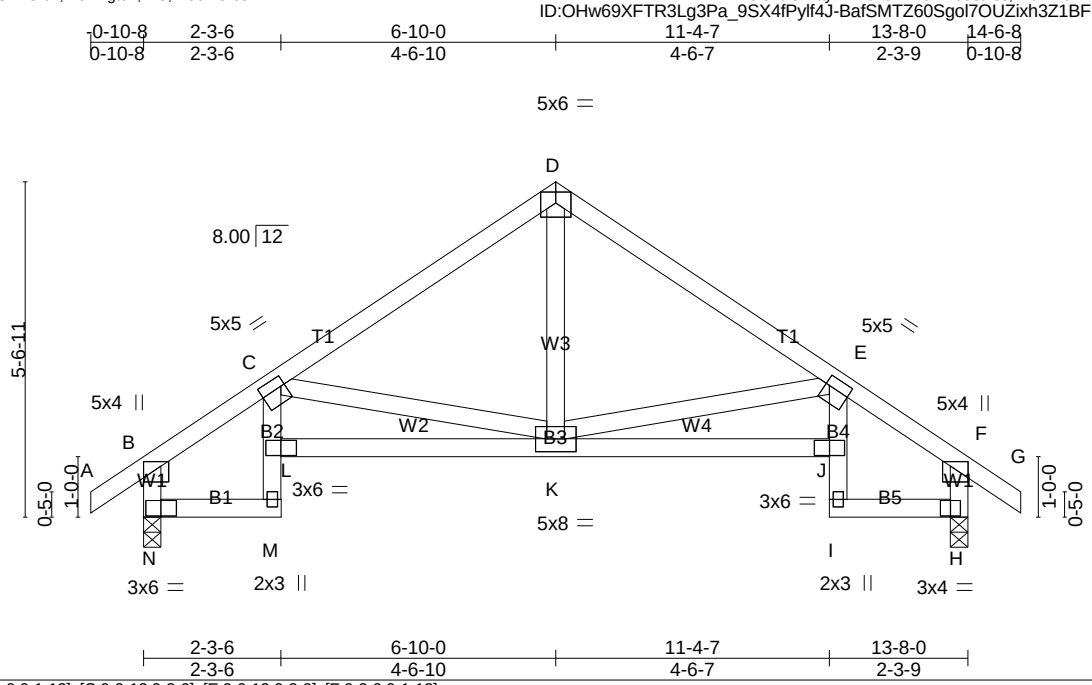

Plate Offsets (X,Y)-- [B:0-2-0,0-1-12], [C:0-0-12,0-2-0], [E:0-0-12,0-2-0], [F:0-2-0,0-1-12]

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	0.65	Vert(LL)	-0.05	J-K	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.72	Vert(CT)	-0.11	J-K	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.12	H	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 75 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) N=596/0-3-8, H=596/0-3-8
Max Horz N=155(LC 9)
Max Uplift N=-76(LC 10), H=-76(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/34, B-C=-563/123, C-D=-616/119, D-E=-615/119, E-F=-564/123, F-G=0/34, B-N=-539/139, F-H=-539/139
BOT CHORD M-N=-81/422, L-M=-27/24, C-L=0/87, K-L=-185/931, J-K=-77/820, I-J=-17/23, E-J=0/87, H-I=-22/360
WEBS C-K=-476/212, D-K=-2/355, E-K=-422/179

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) Bearing at joint(s) N, H considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint N and 76 lb uplift at joint H.
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	PROMENADE CRAFTSMAN
19120346	C3	Common	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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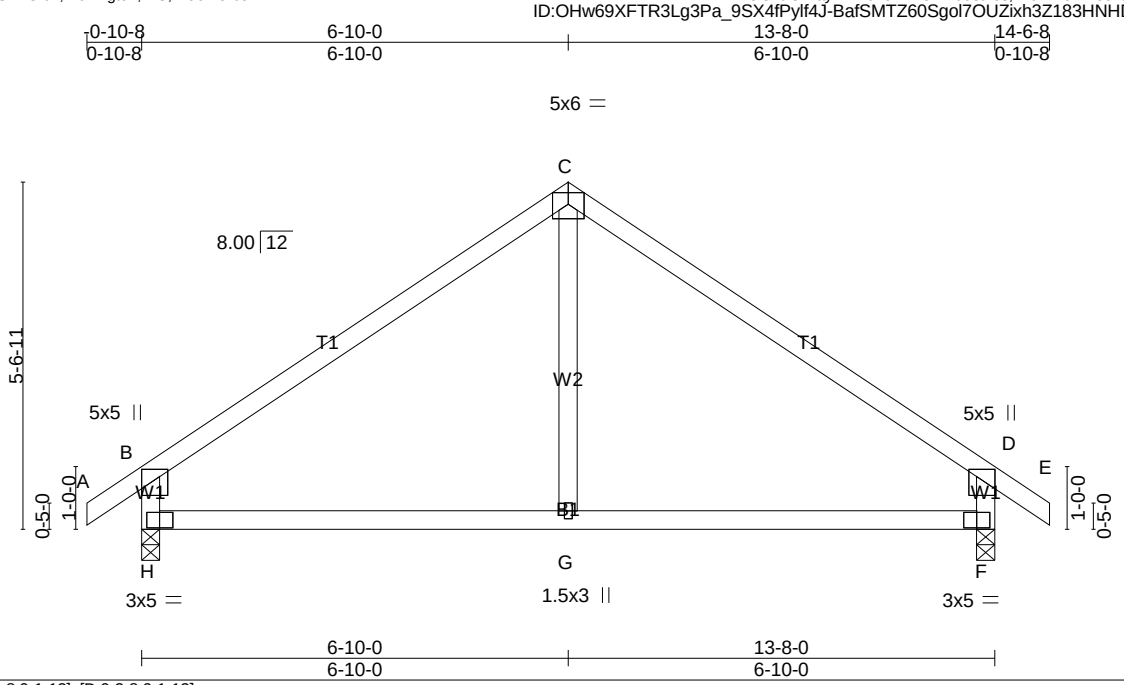

Plate Offsets (X,Y)-- [B:0-2-8,0-1-12], [D:0-2-8,0-1-12]

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	0.85	Vert(LL)	-0.04	F-G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.38	Vert(CT)	-0.09	F-G	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	F	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 57 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) H=596/0-3-8, F=596/0-3-8
Max Horz H=155(LC 9)
Max Uplift H=-76(LC 10), F=-76(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/34, B-C=-570/130, C-D=-570/130, D-E=0/34, B-H=-531/188, D-F=-531/188
BOT CHORD G-H=0/386, F-G=0/386
WEBS C-G=0/283

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) Bearing at joint(s) H, F considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint H and 76 lb uplift at joint F.
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	PROMENADE CRAFTSMAN
19120346	C4	Hip Girder	1	2	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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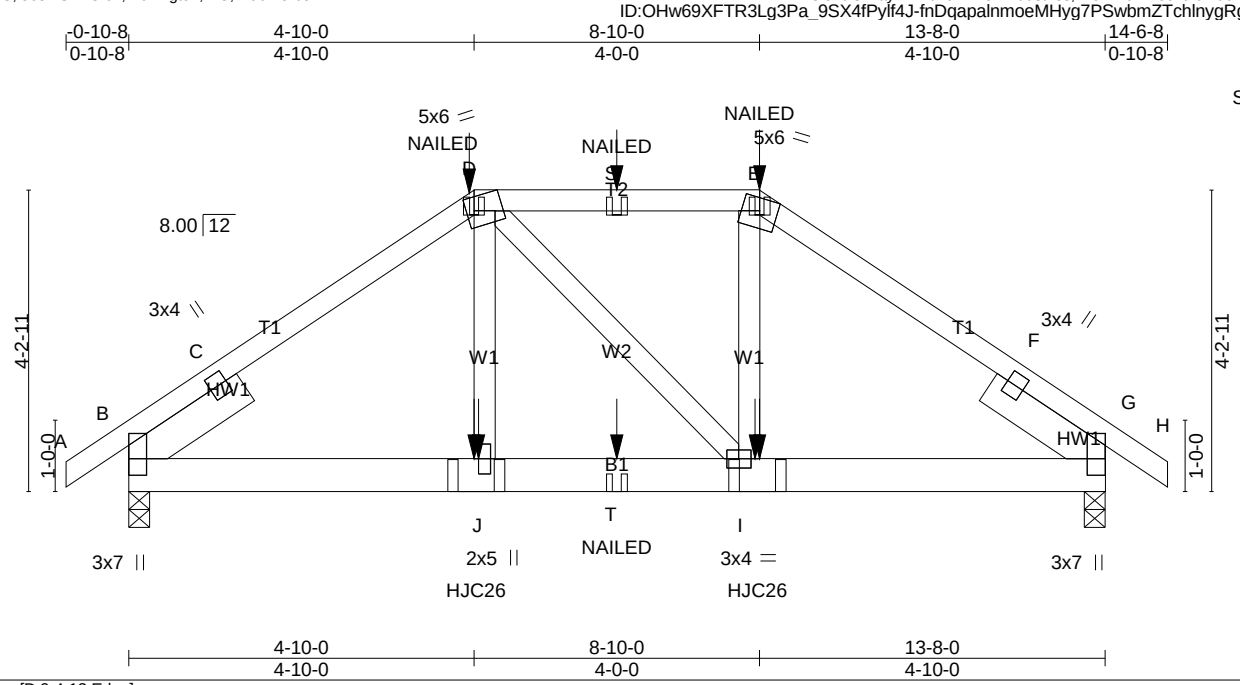

Plate Offsets (X,Y)-- [D:0-4-12,Edge]

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	0.22	Vert(LL)	-0.01	I-J	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	-0.03	I-J	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.06	Horz(CT)	0.01	G	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 171 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -$ 1-11-0, Right 2x6 SP No.2 -$ 1-11-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): D-E.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) B=968/0-3-8, G=968/0-3-8
Max Horz B=-95(LC 6)
Max UpliftB=-201(LC 8), G=-201(LC 9)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-518/147, C-D=-1154/272, D-S=-913/262, E-S=-913/262, E-F=-1155/272, F-G=-518/148, G-H=0/29
BOT CHORD B-J=-200/900, J-T=-200/912, I-T=-200/912, G-I=-150/901
WEBS D-J=-16/331, D-I=-69/70, E-I=-8/333

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 0-9-0 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 201 lb uplift at joint B and 201 lb uplift at joint G.
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) Use USP HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent spaced at 3-11-4 oc max. starting at 4-10-6 from the left end to 8-9-10 to connect truss(es) C5 (1 ply 2x4 SP), C7 (1 ply 2x4 SP), C5 (1 ply 2x4 SP), C7 (1 ply 2x4 SP) to front face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.
13) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-D=-60, D-E=-60, E-H=-60, K-O=-20
Concentrated Loads (lb)
Vert: D=-64(F) E=-64(F) J=-256(F) I=-256(F) S=-64(F) T=-34(F)

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	C5	Jack-Open	3	1	Job Reference (optional)

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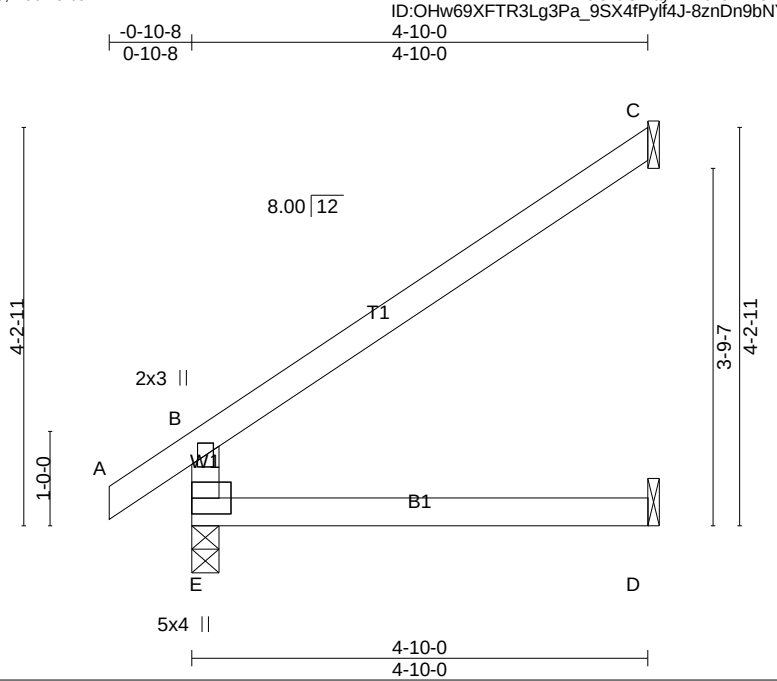

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.37	Vert(LL)	0.04	D-E	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.25	Vert(CT)	-0.05	D-E	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.04	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 18 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 4-10-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) E=253/0-3-8, C=124/Mechanical, D=54/Mechanical
Max Horz E=131(LC 10)
Max Uplift C=-96(LC 10)
Max Grav E=253(LC 1), C=138(LC 17), D=88(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-E=-215/83, A-B=0/34, B-C=-107/80
BOT CHORD D-E=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint C.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	C6	Jack-Open	4	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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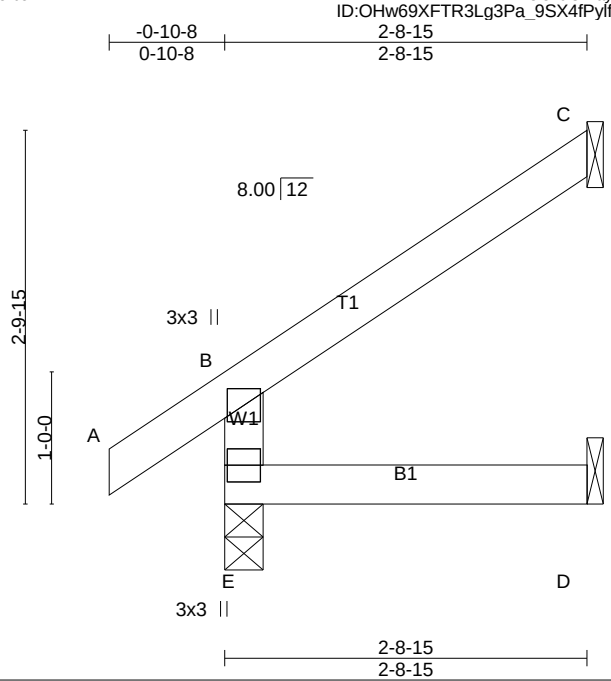

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.00	D-E	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.01	D-E	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 12 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 2-8-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) E=175/0-3-8, C=63/Mechanical, D=26/Mechanical
Max Horz E=78(LC 10)
Max Uplift C=-56(LC 10), D=-2(LC 10)
Max Grav E=175(LC 1), C=73(LC 17), D=48(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-E=-150/64, A-B=0/34, B-C=-61/47
BOT CHORD D-E=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint C and 2 lb uplift at joint D.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	C7	Diagonal Hip Girder	2	1	Job Reference (optional)

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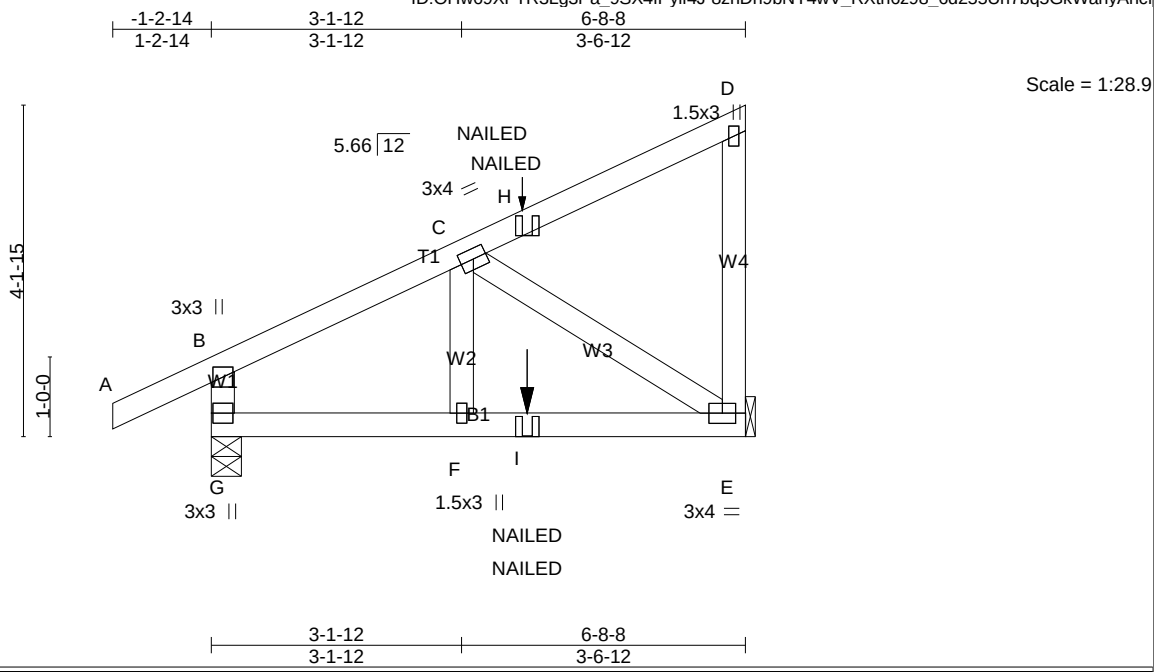

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	-0.01	F	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	Vert(CT)	-0.02	E-F	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.07	Horz(CT)	0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 38 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) G=350/0-4-9, E=250/Mechanical
Max Horz G=161(LC 5)
Max Uplift G=-68(LC 8), E=-79(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-G=-293/81, A-B=0/35, B-C=-253/47, C-H=-65/49, D-H=-79/33, D-E=-98/44
BOT CHORD F-G=-109/180, F-I=-109/180, E-I=-109/180
WEBS C-F=0/118, C-E=-202/105

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; cantilever left and right exposed ; end vertical left and right exposed; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 68 lb uplift at joint G and 79 lb uplift at joint E.
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) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-B=-60, B-D=-60, E-G=-20
Concentrated Loads (lb)
Vert: I=-3(F=-2, B=-2)

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	D1	Common	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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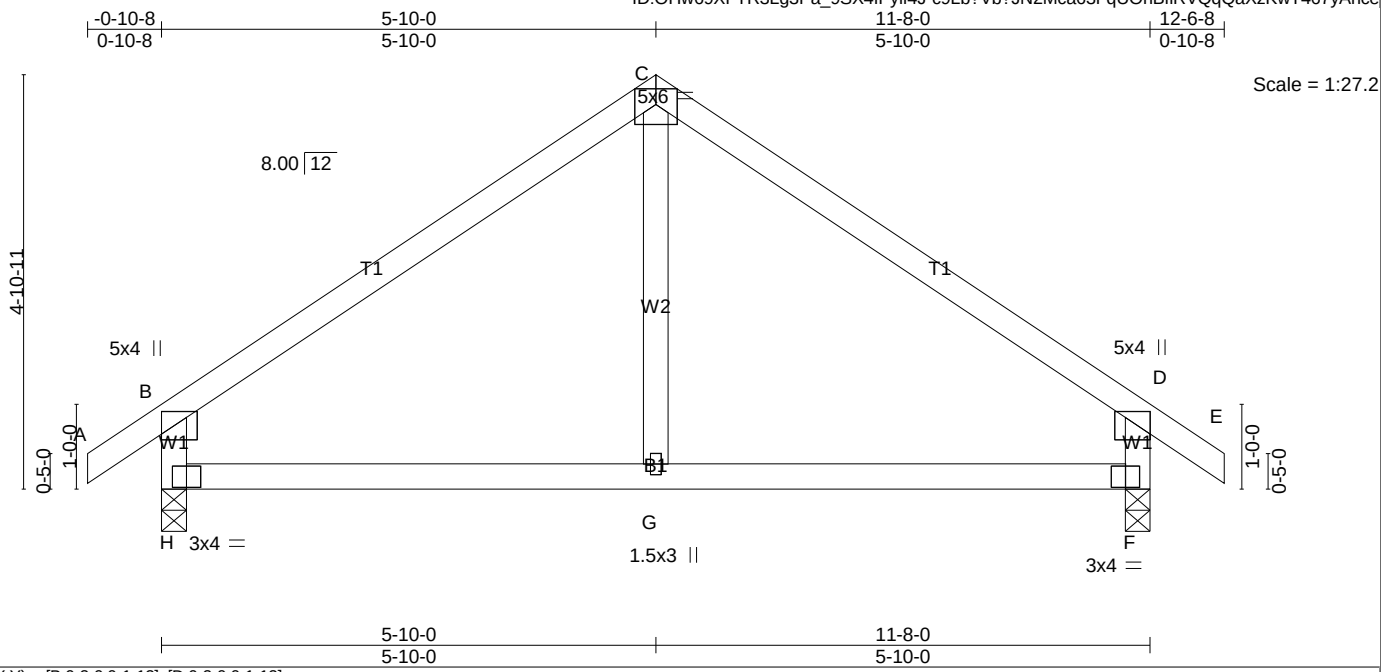

Plate Offsets (X,Y)-- [B:0-2-0,0-1-12], [D:0-2-0,0-1-12]

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	0.65	Vert(LL)	-0.03	G-H	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	-0.05	G-H	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.01	F	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 50 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) H=516/0-3-8, F=516/0-3-8
Max Horz H=-139(LC 8)
Max Uplift H=-67(LC 10), F=-67(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/34, B-C=-470/116, C-D=-470/116, D-E=0/34, B-H=-456/173, D-F=-456/173
BOT CHORD G-H=0/317, F-G=0/317
WEBS C-G=0/234

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) Bearing at joint(s) H, F considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint H and 67 lb uplift at joint F.
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	PROMENADE CRAFTSMAN
19120346	D2	GABLE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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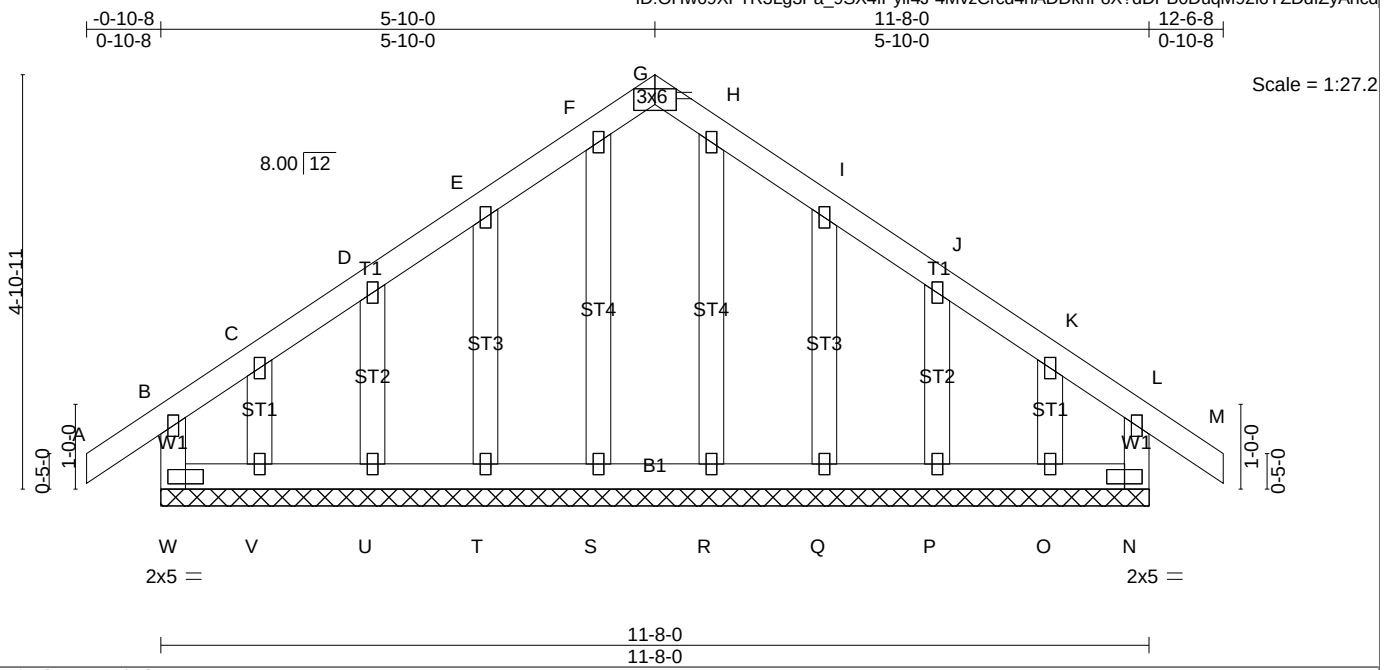

Plate Offsets (X,Y)-- [G:0-3-0,Edge]

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	M	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	-0.00	M	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	N	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-R							Weight: 74 lb	FT = 20%

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

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

REACTIONS. (lb/size) W=119/11-8-0, N=119/11-8-0, S=112/11-8-0, T=104/11-8-0, U=113/11-8-0, V=69/11-8-0, R=112/11-8-0, Q=104/11-8-0, P=113/11-8-0, O=69/11-8-0
Max Horz W=139(LC 9)
Max UpliftW=-67(LC 6), N=-48(LC 7), T=-59(LC 10), U=-33(LC 10), V=-88(LC 10), Q=-60(LC 11), P=-34(LC 11), O=-83(LC 11)
Max GravW=147(LC 18), N=132(LC 17), S=116(LC 20), T=115(LC 17), U=113(LC 21), V=131(LC 8), R=113(LC 19), Q=116(LC 18), P=113(LC 22), O=119(LC 18)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-W=-116/66, A-B=0/34, B-C=-81/77, C-D=-54/59, D-E=-62/88, E-F=-104/139, F-G=-92/116, G-H=-92/116, H-I=-104/139, I-J=-62/88, J-K=-39/51, K-L=-62/59, L-M=0/34, L-N=-110/66
BOT CHORD V-W=-67/75, U-V=-67/75, T-U=-67/75, S-T=-67/75, R-S=-67/75, Q-R=-67/75, P-Q=-67/75, O-P=-67/75, N-O=-67/75
WEBS F-S=-89/0, E-T=-102/78, D-U=-88/58, C-V=-99/73, H-R=-87/0, I-Q=-102/78, J-P=-89/58, K-O=-99/70

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 1-4-0 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) Bearing at joint(s) W, N considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint W, 48 lb uplift at joint N, 59 lb uplift at joint T, 33 lb uplift at joint U, 88 lb uplift at joint V, 60 lb uplift at joint Q, 34 lb uplift at joint P and 83 lb uplift at joint O.
12) 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	PROMENADE CRAFTSMAN
19120346	PA	Piggyback	30	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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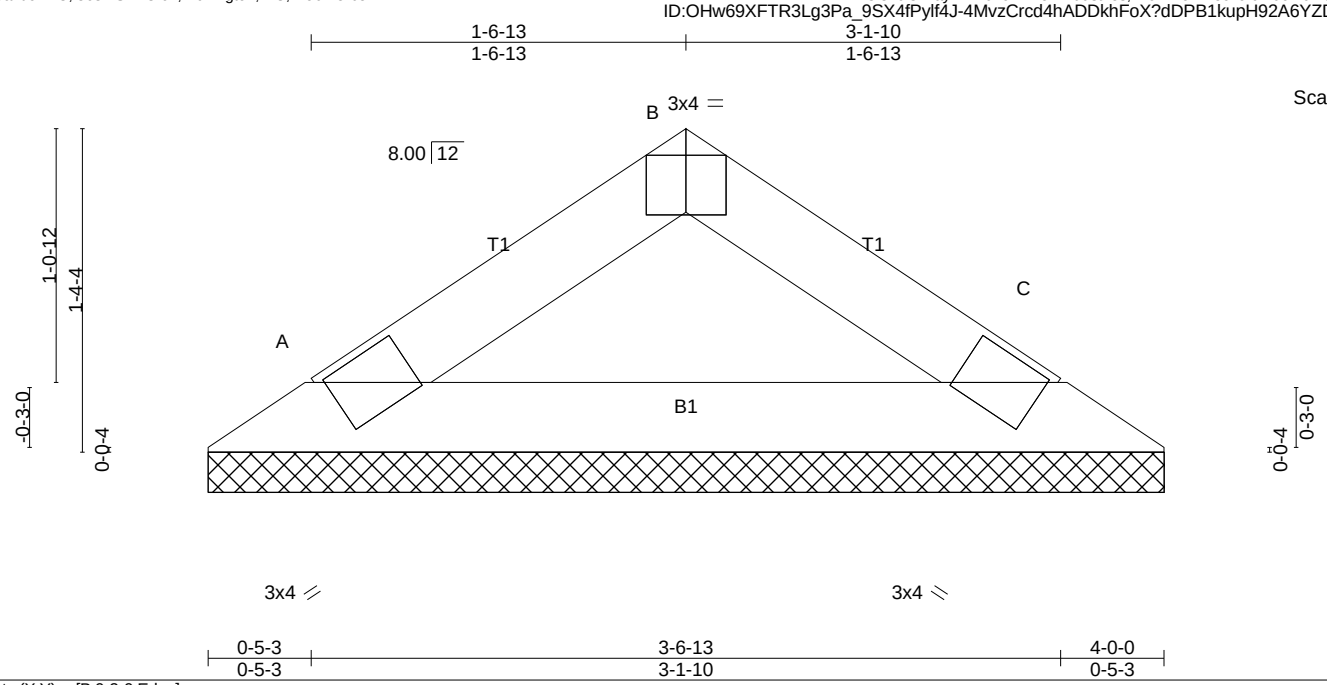

Plate Offsets (X,Y)-- [B:0-2-0,Edge]

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	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	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: 12 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 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=124/4-0-0, C=124/4-0-0
Max Horz A=26(LC 7)
Max UpliftA=-13(LC 10), C=-13(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-104/47, B-C=-104/47
BOT CHORD A-C=-14/70

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	PROMENADE CRAFTSMAN
19120346	V1	GABLE	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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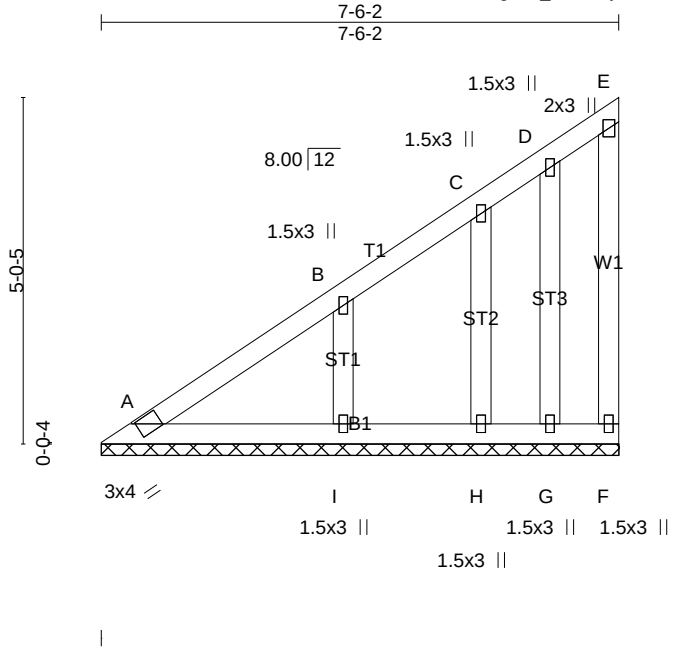

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	-0.00	F	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 43 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. (lb/size) A=99/7-6-2, F=28/7-6-2, G=80/7-6-2, H=88/7-6-2, I=258/7-6-2
Max Horz A=174(LC 7)
Max Uplift A=-5(LC 6), F=-40(LC 9), G=-38(LC 10), H=-30(LC 10), I=-103(LC 10)
Max Grav A=128(LC 18), F=46(LC 6), G=81(LC 17), H=95(LC 17), I=274(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-148/111, B-C=-112/66, C-D=-91/67, D-E=-66/68, E-F=-26/13
BOT CHORD A-I=-81/88, H-I=-81/88, G-H=-81/88, F-G=-81/88
WEBS D-G=-69/39, C-H=-86/64, B-I=-200/134

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 5 lb uplift at joint A, 40 lb uplift at joint F, 38 lb uplift at joint G, 30 lb uplift at joint H and 103 lb uplift at joint I.
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	PROMENADE CRAFTSMAN
19120346	V2	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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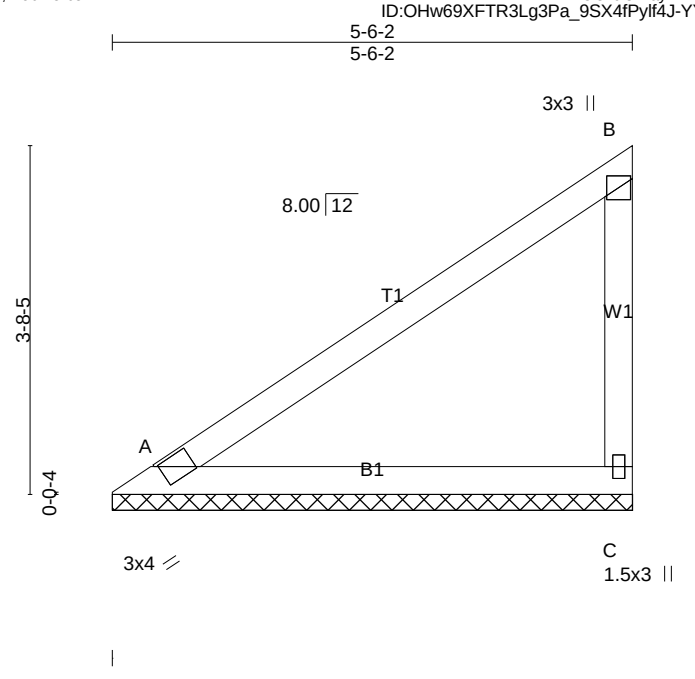

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 22 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 5-6-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=197/5-6-2, C=197/5-6-2
Max Horz A=124(LC 7)
Max Uplift A=-14(LC 10), C=-58(LC 10)
Max Grav A=197(LC 1), C=217(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-147/64, B-C=-144/71
BOT CHORD A-C=-36/51

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 14 lb uplift at joint A and 58 lb uplift at joint C.
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	PROMENADE CRAFTSMAN
19120346	V3	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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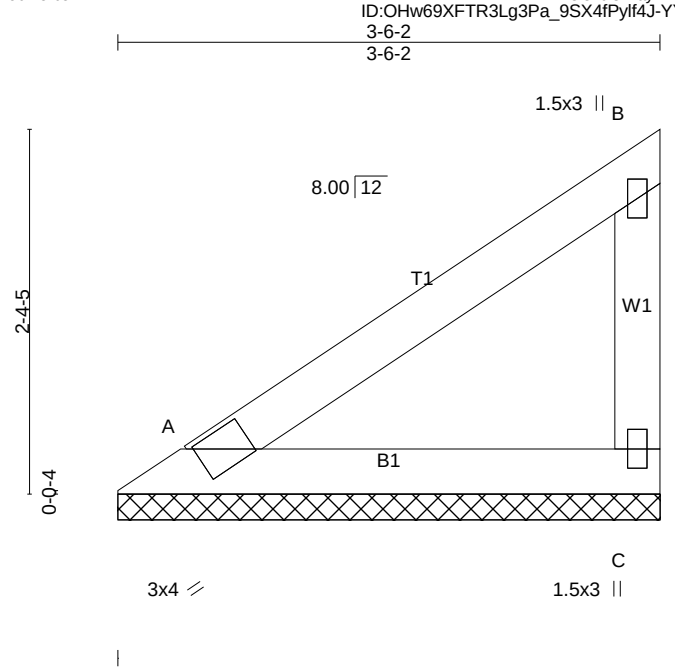

Scale = 1:14.9

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	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: 13 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 3-6-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=117/3-6-2, C=117/3-6-2
Max Horz A=73(LC 7)
Max Uplift A=-9(LC 10), C=-34(LC 10)
Max Grav A=117(LC 1), C=128(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-65/53, B-C=-99/52
BOT CHORD A-C=-35/38

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 9 lb uplift at joint A and 34 lb uplift at joint C.
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	PROMENADE CRAFTSMAN
19120346	V4	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:48 2019 Page 1
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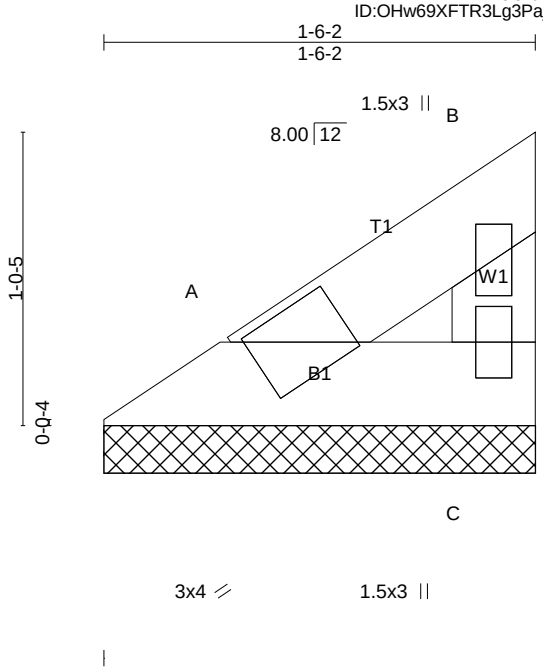

Scale: 1.5"=1'

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.01	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.01	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: 5 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 1-6-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=37/1-6-2, C=37/1-6-2
Max Horz A=23(LC 7)
Max Uplift A=-3(LC 10), C=-11(LC 10)
Max Grav A=37(LC 1), C=40(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-20/17, B-C=-31/16
BOT CHORD A-C=-11/12

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 3 lb uplift at joint A and 11 lb uplift at joint C.
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	PROMENADE CRAFTSMAN
19120346	V5	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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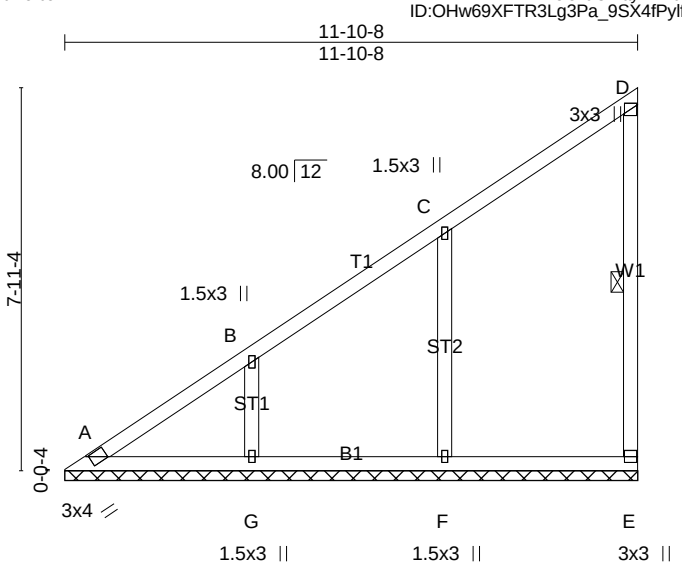

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.65	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	-0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 59 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.
WEBS 1 Row at midpt D-E

REACTIONS. (lb/size) A=107/11-10-8, E=127/11-10-8, F=343/11-10-8, G=325/11-10-8
Max Horz A=284(LC 7)
Max Uplift A=-27(LC 6), E=-53(LC 7), F=-137(LC 10), G=-129(LC 10)
Max Grav A=172(LC 18), E=205(LC 17), F=435(LC 17), G=335(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-250/170, B-C=-198/133, C-D=-159/110, D-E=-114/59
BOT CHORD A-G=-121/134, F-G=-121/134, E-F=-121/134
WEBS C-F=-287/174, B-G=-263/175

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) 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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint A, 53 lb uplift at joint E, 137 lb uplift at joint F and 129 lb uplift at joint G.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	PROMENADE CRAFTSMAN
19120346	V6	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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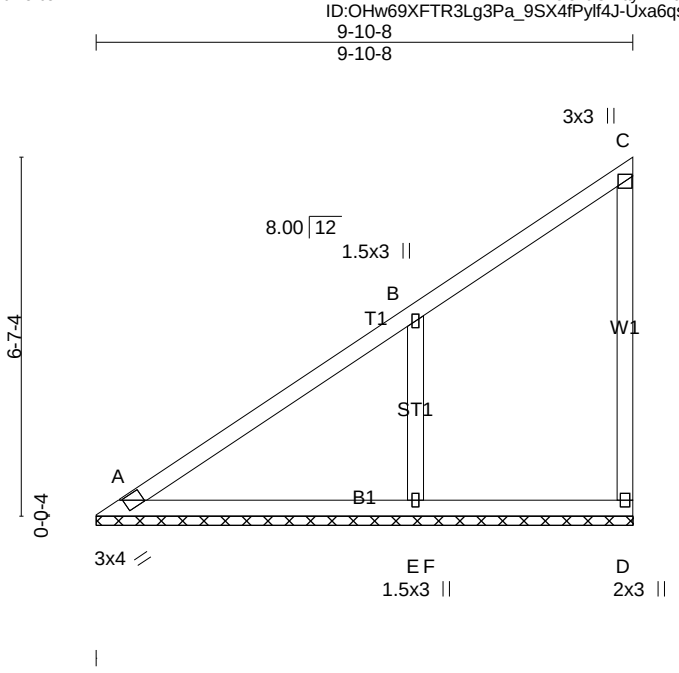

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.45	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	-0.00	D	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 45 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. (lb/size) A=175/9-10-8, D=96/9-10-8, E=471/9-10-8
Max Horz A=233(LC 7)
Max Uplift D=-42(LC 7), E=-187(LC 10)
Max Grav A=200(LC 18), D=170(LC 17), E=555(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-192/161, B-C=-152/94, C-D=-94/52
BOT CHORD A-E=-103/114, E-F=-103/114, D-F=-103/114
WEBS B-E=-362/223

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) 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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 42 lb uplift at joint D and 187 lb uplift at joint E.
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	PROMENADE CRAFTSMAN
19120346	V7	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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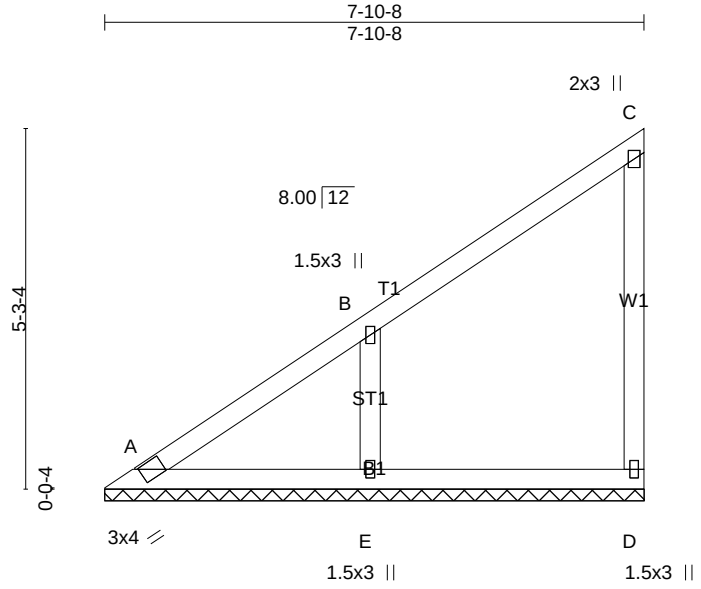

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	-0.00	D	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 35 lb	FT = 20%

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

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

REACTIONS. (lb/size) A=104/7-10-8, D=125/7-10-8, E=354/7-10-8
Max Horz A=183(LC 7)
Max Uplift A=-5(LC 6), D=-38(LC 7), E=-140(LC 10)
Max Grav A=134(LC 18), D=144(LC 17), E=376(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-157/120, B-C=-133/66, C-D=-111/53
BOT CHORD A-E=-79/90, D-E=-79/90
WEBS B-E=-282/183

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 5 lb uplift at joint A, 38 lb uplift at joint D and 140 lb uplift at joint E.
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	PROMENADE CRAFTSMAN
19120346	V8	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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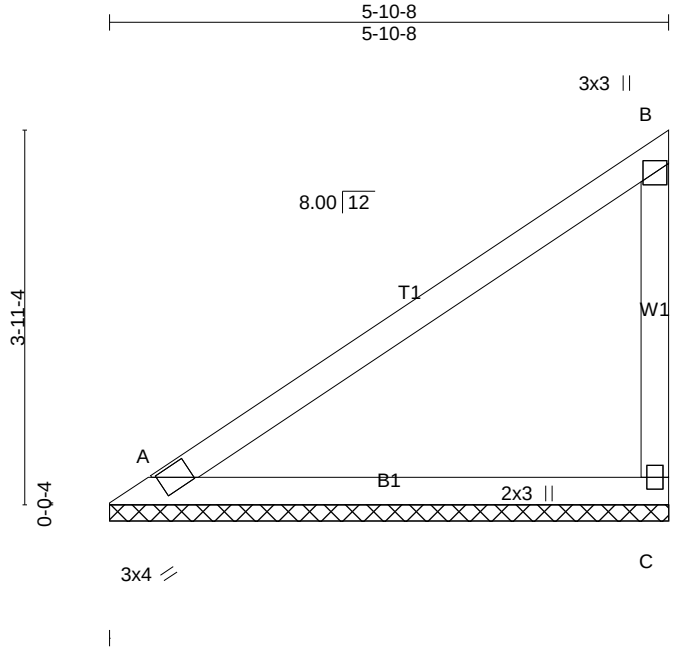

Scale: 1/2"=1'

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.37	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.27	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 23 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=211/5-10-8, C=211/5-10-8
Max Horz A=133(LC 7)
Max Uplift A=-15(LC 10), C=-62(LC 10)
Max Grav A=211(LC 1), C=233(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-158/68, B-C=-155/77
BOT CHORD A-C=-38/55

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 15 lb uplift at joint A and 62 lb uplift at joint C.
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	PROMENADE CRAFTSMAN
19120346	V9	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

8.310 s May 22 2019 MiTek Industries, Inc. Mon Dec 9 07:06:50 2019 Page 1
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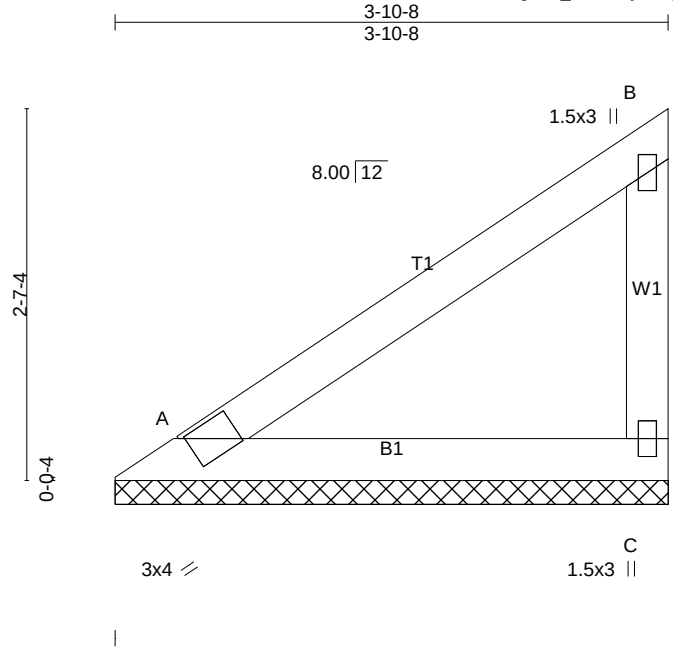

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		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 3-10-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=131/3-10-8, C=131/3-10-8
Max Horz A=82(LC 9)
Max Uplift A=-10(LC 10), C=-38(LC 10)
Max Grav A=131(LC 1), C=145(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-74/59, B-C=-112/58
BOT CHORD A-C=-40/43

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 10 lb uplift at joint A and 38 lb uplift at joint C.
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	PROMENADE CRAFTSMAN
19120346	V10	Valley	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber

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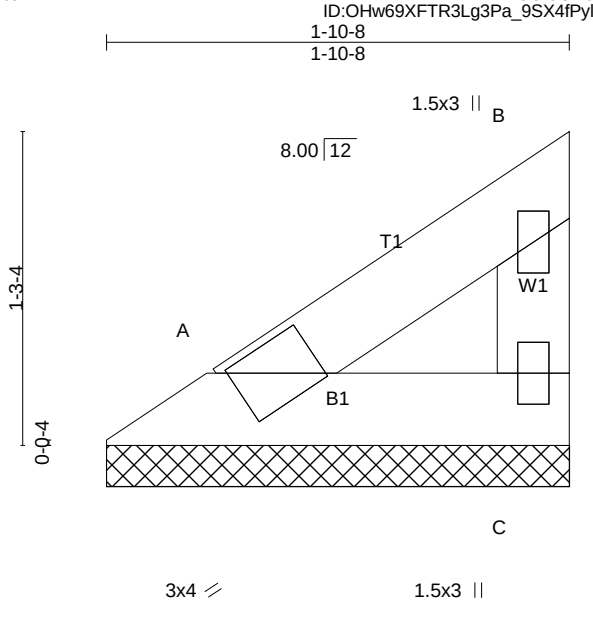

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
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TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 6 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 1-10-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=51/1-10-8, C=51/1-10-8
Max Horz A=32(LC 7)
Max Uplift A=-4(LC 10), C=-15(LC 10)
Max Grav A=51(LC 1), C=56(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-29/23, B-C=-44/23
BOT CHORD A-C=-16/17

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint A and 15 lb uplift at joint C.
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