

Job 20083763	Truss A1	Truss Type GABLE Gable Gable COMMON Gable 1	Qty	Ply	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	--	-----	-----	-----------------------------

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC ID:OHw69XFTR3Lg3Pa_9Sx4fPyl4J-deUwYvEEhZy306Ld1m71YvKGq4R276dDtpbHyIXQR 8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:20 2020 Page 1

0-10-8	5-10-0	15-2-0	16-4-4	19-2-0	26-7-4	34-4-0	35-2-8
0-10-8	5-10-0	9-4-0	1-2-4	2-9-12	7-5-4	7-8-12	0-10-8

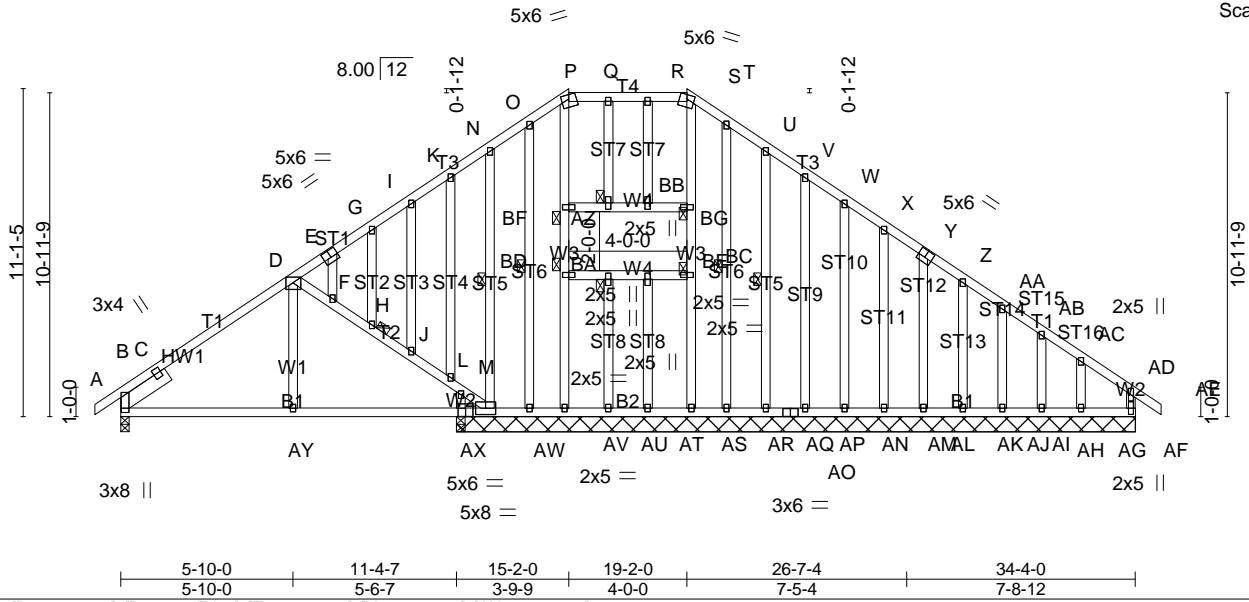


Plate Offsets (X,Y)-- [B:0-6-0-0-0-4], [D:0-2-14,Edge], [E:0-3-0-0-3-0], [Y:0-3-0-0-3-0], [AX:0-3-0-0-0-4]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.32	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.28	Vert(LL) -0.02AX-AY >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.18	Vert(CT) -0.04AX-AY >999 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MSH	Horz(CT) -0.02 B n/a n/a		
	Code IRC2015/TPI2014			Weight: 343 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	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.); P-S, D-AW.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 10-0-0 oc bracing: B-AY,AX-AY,AW-AX.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt N-AW, O-AV, T-AQ, U-AP
OTHERS 2x4 SP No.3	JOINTS 1 Brace at Jt(s): H, AZ, BA, BD, BE, BF, BG
SLIDER Left 2x6 SP No.2 - 1-11-12	

REACTIONS. (lb/size) B=519/0-3-8 (min. 0-1-8), AX=480/22-11-9 (min. 0-2-12), AX=480/22-11-9 (min. 0-2-12), AU=200/22-11-9 (min. 0-2-12), AR=207/22-11-9 (min. 0-2-12), AF=136/22-11-9 (min. 0-2-12), AW=88/22-11-9 (min. 0-2-12), AV=107/22-11-9 (min. 0-2-12), AT=32/22-11-9 (min. 0-2-12), AS=30/22-11-9 (min. 0-2-12), AQ=87/22-11-9 (min. 0-2-12), AP=105/22-11-9 (min. 0-2-12), AN=107/22-11-9 (min. 0-2-12), AM=106/22-11-9 (min. 0-2-12), AL=112/22-11-9 (min. 0-2-12), AK=106/22-11-9 (min. 0-2-12), AJ=101/22-11-9 (min. 0-2-12), AI=108/22-11-9 (min. 0-2-12), AH=105/22-11-9 (min. 0-2-12), AG=113/22-11-9 (min. 0-2-12)

Max Horz B=283(LC 9)

Max Uplift B=89(LC 10), AX=-137(LC 10), AU=-35(LC 7), AR=-15(LC 7), AF=-64(LC 7), AW=-109(LC 10), AV=-14(LC 10), AQ=-11(LC 11), AP=47(LC 11), AN=43(LC 11), AM=42(LC 11), AL=44(LC 11), AK=46(LC 11), AJ=34(LC 11), AI=50(LC 11), AH=-14(LC 11), AG=-137(LC 11)

Max Grav B=520(LC 21), AX=480(LC 21), AU=221(LC 20), AR=217(LC 20), AF=159(LC 17), AW=135(LC 17), AV=128(LC 17), AT=59(LC 3), AS=57(LC 3), AQ=100(LC 18), AP=114(LC 18), AN=114(LC 18), AM=113(LC 18), AL=117(LC 18), AK=116(LC 18), AJ=104(LC 18), AI=119(LC 18), AH=105(LC 22), AG=179(LC 18)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/29, B-C=154/27, C-D=460/199, D-E=-148/197, E-G=-132/208, G-I=-144/226, I-K=-148/241, K-N=-233/293, N-O=-255/327, O-P=-261/339, P-Q=-236/305, Q-R=-237/304, R-S=-236/305, S-T=-263/339, T-U=-251/324, U-V=-217/283, V-W=-184/244, W-X=-152/205, X-Y=-119/165, Y-Z=-86/125, Z-AA=-58/101, AA-AB=-54/78, AB-AC=-61/78, AC-AD=-129/117, AD-AE=0/34, AD-AF=-127/54, D-F=-437/178, F-H=-443/179, H-J=-473/201, J-L=-491/213, L-M=-592/277, M-AW=-314/85

BOT CHORD B-AY=-143/448, AX-AY=-143/448, AW-AX=-113/375, AV-AW=-113/123, AU-AV=-113/123, AT-AU=-113/123, AS-AT=-113/123, AR-AS=-113/123, AQ-AR=-113/123, AP-AQ=-113/123, AO-AP=-113/123, AN-AO=-113/123, AM-AN=-113/123, AL-AM=-113/123, AK-AL=-113/123, AJ-AK=-112/122, AI-AJ=-112/122, AH-AI=-112/122, AG-AH=-112/122, AF-AG=-112/122

WEBS AU-BD=200/50, BD-BF=-203/51, P-BF=-185/40, AR-BE=-190/31, BE-BG=-192/32, S-BG=-175/36, E-F=-13/5, G-H=-54/38, I-J=-32/22, K-L=-182/117, N-AW=-67/51, O-AV=-75/25, Q-AZ=-25/12, AT-BA=-3/1, R-BB=-25/12, AS-BC=-3/0, T-AQ=-76/26, U-AP=-89/63, V-AN=-87/59, W-AM=-86/58, X-AL=-91/60, Y-AK=-89/62, BA-BD=0/0, BA-BC=0/0, BC-BE=0/0, AZ-BF=-2/7, AZ-BB=-2/7, BB-BG=-2/7, D-AY=0/236, M-AX=-385/265, Z-AJ=-78/51, AA-AI=90/62, AB-AH=-80/46, AC-AG=-138/113

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDD=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
 - Truss designed for wind loads in the plane of the truss only.
 - Provide adequate drainage to prevent water ponding.
 - All plates are 2x3 MT20 unless otherwise indicated.
 - Gable studs spaced at 1-4-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 89 lb uplift at joint B, 137 lb uplift at joint AX, 35 lb uplift at joint AU, 15 lb uplift at joint AR, 64 lb uplift at joint AF, 109 lb uplift at joint AW, 14 lb uplift at joint AV, 11 lb uplift at joint AQ, 47 lb uplift at joint AP, 43 lb uplift at joint AN, 42 lb uplift at joint AM, 44 lb uplift at joint AL, 46 lb uplift at joint AK, 34 lb uplift at joint AJ, 50 lb uplift at joint AI, 14 lb uplift at joint AH and 137 lb uplift at joint AG.
 - 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.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Job 20083763	Truss A1	Truss Type GABLE Gable Gable COMMON Gable 1	Qty	Ply	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	--	-----	-----	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:21 2020 Page 2

ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-6r2Imews??APgAgYRwY?gF443gAJAVNGstDM7jyiXQq

LOAD CASE(S) Standard

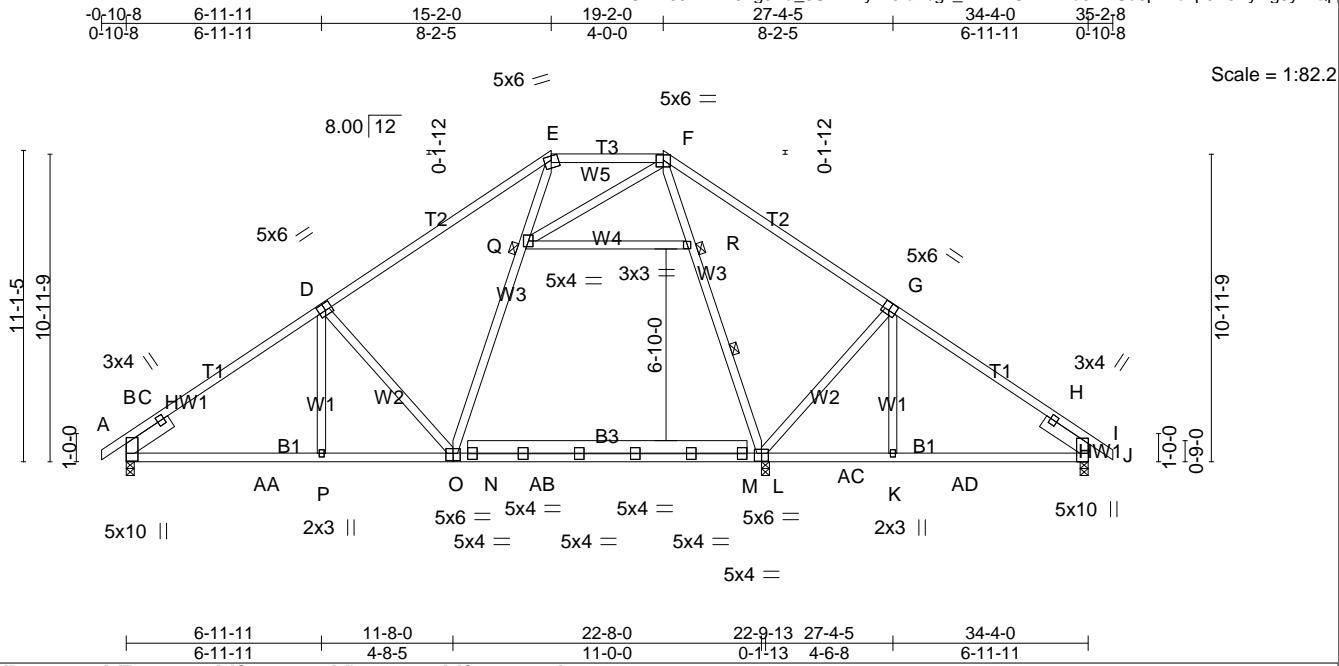


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [F:0-3-0,0-2-3], [G:0-3-0,0-3-4], [L:0-3-0,0-3-4], [O:0-3-0,0-3-0]

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 0.96	Vert(LL) -0.20 L-O >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.96	Vert(CT) -0.35 L-O >787 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.72	Horz(CT) 0.09 I n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			Weight: 233 lb FT = 20%

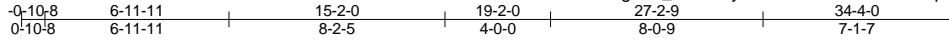
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP SS	TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-4-2 max.): E-F.
BOT CHORD 2x4 SP No.1 *Except* B3: 2x6 SP No.2, B2: 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: L-O.
WEBS 2x4 SP No.3 *Except* W3: 2x4 SP No.2	WEBS 1 Row at midpt L-R
SLIDER Left 2x6 SP No.2 -\$ 1-11-12, Right 2x6 SP No.2 -\$ 1-11-12	JOINTS 1 Brace at Jt(s): Q, R

REACTIONS. (lb/size) B=1261/0-3-8 (min. 0-1-10), L=484/0-3-8 (min. 0-1-8), I=1106/0-3-8 (min. 0-1-8)
 Max Horz B=263(LC 9)
 Max Uplift B=-213(LC 10), L=-205(LC 6), I=-170(LC 10)
 Max Grav B=1364(LC 18), L=700(LC 23), I=1159(LC 18)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-291/0, C-D=-1748/327, D-E=-1475/387, E-F=-1056/376, F-G=-1295/410, G-H=-1503/316, H-I=-285/0, I-J=0/29
BOT CHORD B-AA=-308/1555, P-AA=-308/1555, O-P=-308/1554, N-O=-155/1007, N-AB=-155/1007, AB-AC=-155/1007, M-AC=-155/1007, L-M=-155/1007,
 K-L=-180/1203, K-AD=-179/1203, I-AD=-179/1203
WEBS D-P=0/174, D-O=-477/257, F-R=-177/293, L-R=-188/277, G-L=-488/293, G-K=0/155, O-Q=-94/679, E-Q=-65/502, Q-R=-89/15, F-Q=-45/268

- 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 213 lb uplift at joint B, 205 lb uplift at joint L and 170 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.
 - 9) ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard



Scale = 1:87.3

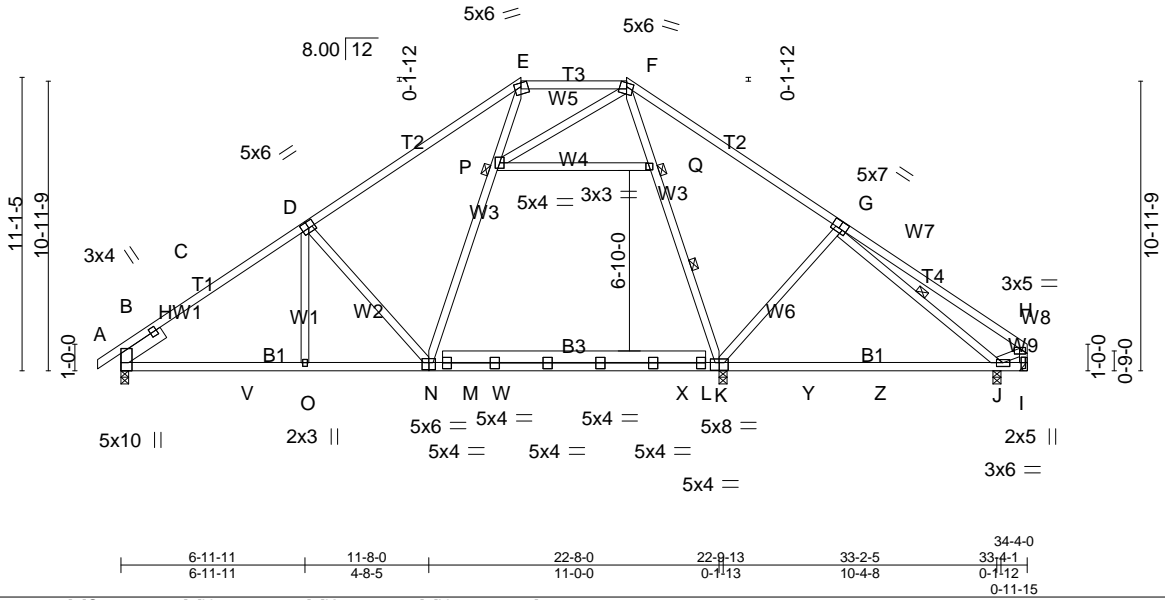


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-3-8,0-3-4], [H:0-2-12,0-0-8], [K:0-4-0,0-3-4], [N:0-3-0,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.77	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.94	Vert(LL) -0.16 K-N >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.92	Vert(CT) -0.29 J-K >442 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MSH	Horz(CT) 0.05 I n/a n/a		
	Code IRC2015/TP12014			Weight: 233 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP SS *Except* T3,T4: 2x4 SP No.2, T1: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (5-4-0 max.): E-F.
BOT CHORD 2x4 SP No.1 *Except* B3: 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: K-N.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt K-Q, G-J
SLIDER Left 2x6 SP No.2 - \$ 1-11-12	JOINTS 1 Brace at Jt(s): P, Q

REACTIONS. (lb/size) B=1303/0-3-8 (min. 0-1-11), K=300/0-3-8 (min. 0-1-8), I=615/Mechanical, J=569/0-3-8 (min. 0-1-8)
 Max Horz B=277(LC 9)
 Max Uplift B=231(LC 10), K=298(LC 6), I=259(LC 10)
 Max Grav B=1417(LC 18), K=612(LC 23), I=635(LC 18), J=731(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-277/0, C-D=-1833/336, D-E=-1565/397, E-F=-1104/383, F-G=-1493/459, G-H=-734/194, H-I=-863/139
 BOT CHORD B-V=-327/1620, O-V=-327/1620, N-O=-328/1619, M-N=-205/1094, M-W=-205/1094, W-X=-205/1094, L-X=-205/1094, K-L=-205/1094,
 K-Y=-251/1286, Y-Z=-251/1286, J-Z=-251/1286, I-J=-112/131
 WEBS D-O=0/177, D-N=-464/251, F-Q=-184/459, K-Q=-181/441, G-K=-355/324, N-P=-103/662, E-P=-81/539, P-Q=-60/11, F-P=-33/185,
 G-J=-976/227, H-J=-109/616

- 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 231 lb uplift at joint B, 298 lb uplift at joint K and 259 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/TP1 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

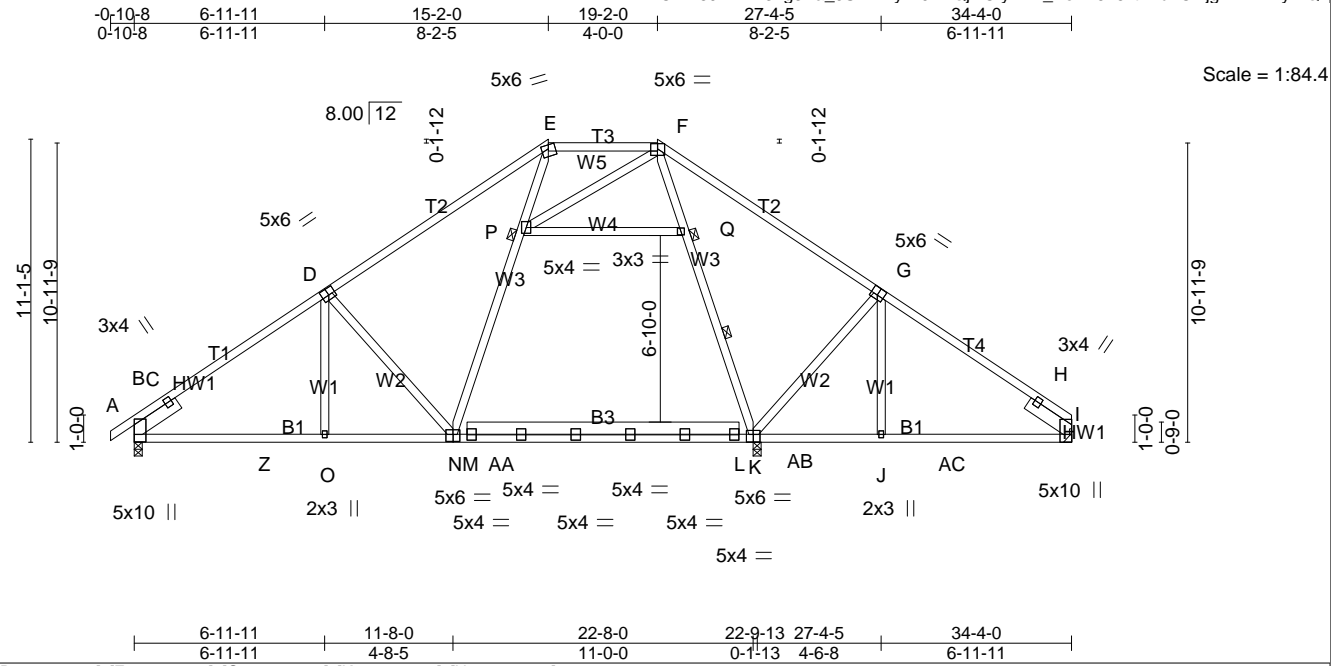


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [F:0-3-0,0-2-3], [G:0-3-0,0-3-4], [K:0-3-0,0-3-4], [N:0-3-0,0-3-0]

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 0.96	Vert(LL) -0.20	K-N >999	240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.96	Vert(CT) -0.35	K-N >788	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.72	Horz(CT) 0.08	I n/a	n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH					
						Weight: 231 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP SS	TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-4-2 max.): E-F.
BOT CHORD 2x4 SP No.1 *Except* B3: 2x6 SP No.2, B2: 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: K-N.
WEBS 2x4 SP No.3 *Except* W3: 2x4 SP No.2	WEBS 1 Row at midpt K-Q
SLIDER Left 2x6 SP No.2 -\$ 1-11-12, Right 2x6 SP No.2 -\$ 1-11-12	JOINTS 1 Brace at Jt(s): P, Q

REACTIONS. (lb/size) B=1263/0-3-8 (min. 0-1-10), K=480/0-3-8 (min. 0-1-8), I=1056/Mechanical
 Max Horz B=258(LC 9)
 Max Uplift B=213(LC 10), K=-206(LC 6), I=-166(LC 10)
 Max Grav B=1366(LC 18), K=697(LC 23), I=1127(LC 18)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-292/0, C-D=-1751/327, D-E=-1477/386, E-F=-1058/375, F-G=-1300/409, G-H=-1509/315, H-I=-296/0
 BOT CHORD B-Z=-317/1550, O-Z=-317/1550, N-O=-318/1548, M-N=-160/1002, M-AA=-160/1002, AA-AB=-160/1002, L-AB=-160/1002, K-L=-160/1002,
 J-K=-188/1202, J-AC=-187/1202, I-AC=-187/1202
 WEBS D-O=0/174, D-N=-477/257, F-Q=-172/295, K-Q=-183/279, G-K=-492/293, G-J=0/156, N-P=-94/679, E-P=-64/503, P-Q=-88/15, F-P=-45/266

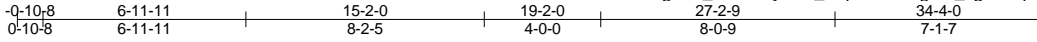
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end 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 213 lb uplift at joint B, 206 lb uplift at joint K and 166 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/TP1 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 20083763	Truss A5	Truss Type ROOF TRUSS	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	--------------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:25 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-_cHpb?zN2Dgr9n_Jgmdxq5FfHND67VsnVBaGUyIXQm



Scale = 1:79.1

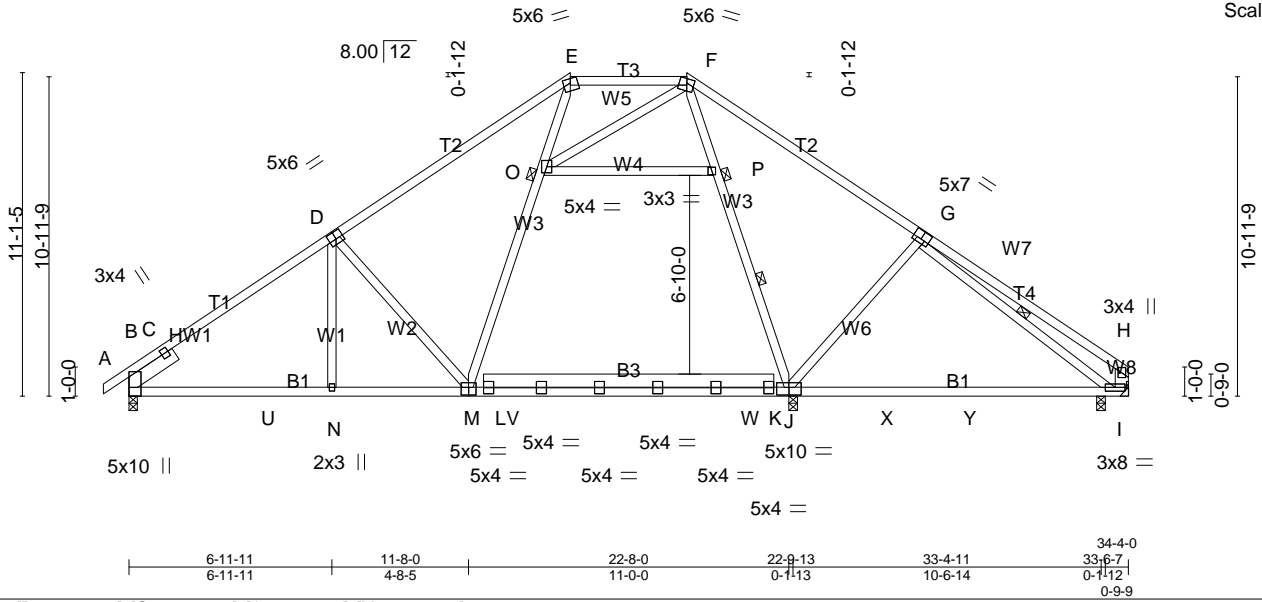


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-3-8,0-3-4], [J:0-5-0,0-3-0], [M:0-3-0,0-3-0]

LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TP12014	CSI. TC 0.75 BC 0.92 WB 0.94 Matrix-MSH	DEFL. in (loc) l/defl L/d Vert(LL) -0.30 I-J >464 240 Vert(CT) -0.58 I-J >237 180 Horz(CT) 0.05 I n/a n/a	PLATES MT20 GRIP 244/190 Weight: 233 lb FT = 20%
---	--	--	---	--

LUMBER- TOP CHORD 2x4 SP SS *Except* T3,T4: 2x4 SP No.2, T1: 2x4 SP No.1 BOT CHORD 2x4 SP No.1 *Except* B3: 2x6 SP No.2, B2: 2x4 SP SS WEBS 2x4 SP No.3 *Except* W8: 2x6 SP No.2 SLIDER Left 2x6 SP No.2 - \$ 1-11-12	BRACING- TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (5-4-7 max.); E-F. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: I-J. WEBS 1 Row at midpt J-P, G-I JOINTS 1 Brace at J(s): O, P
---	---

REACTIONS. (lb/size) B=1291/0-3-8 (min. 0-1-10), J=377/0-3-8 (min. 0-1-8), I=1113/Mechanical, I=1113/Mechanical
 Max Horz B=278(LC 9)
 Max Uplift B=-232(LC 10), J=-267(LC 6), I=-207(LC 10)
 Max Grav B=1401(LC 18), J=679(LC 19), I=1208(LC 18), I=1113(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-274/0, C-D=-1809/339, D-E=-1536/401, E-F=-1086/386, F-G=-1453/455, G-H=-503/124, H-I=-406/122
 BOT CHORD B-U=-329/1601, N-U=-329/1601, M-N=-329/1600, L-M=-205/1072, L-V=-205/1072, V-W=-205/1072, K-W=-205/1072, J-K=-205/1072,
 J-X=-249/1280, X-Y=-249/1280, I-Y=-249/1280
 WEBS D-N=0/183, D-M=-471/250, F-P=-178/428, J-P=-174/409, G-J=-398/327, M-O=-108/653, E-O=-83/525, O-P=-63/12, F-O=-38/193,
 G-I=-1238/365

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 232 lb uplift at joint B, 267 lb uplift at joint J and 207 lb uplift at joint I.
 - 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.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

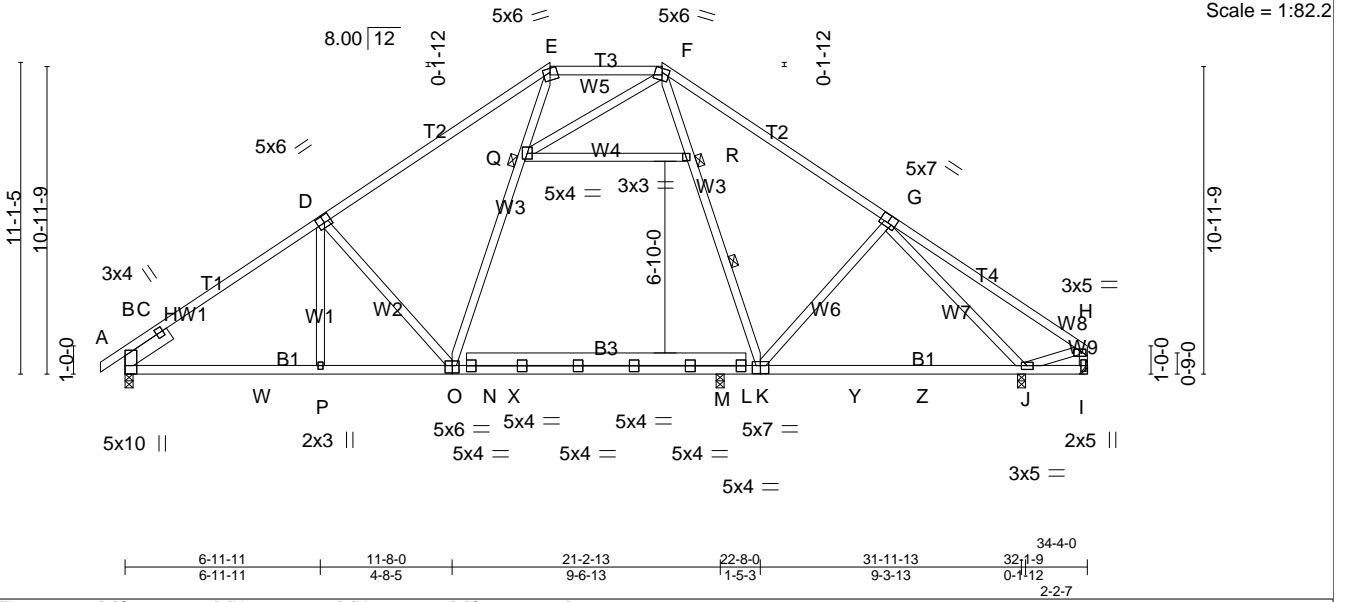
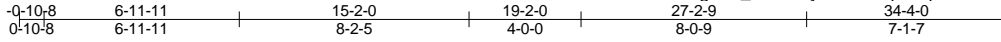


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-3-8,0-3-4], [H:0-2-12,0-0-8], [K:0-3-8,0-3-4], [O:0-3-0,0-3-0]

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 0.96	Vert(LL) -0.18 M-O >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.97	Vert(CT) -0.31 O-P >814 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.78	Horz(CT) 0.04 I n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-MSH			
				Weight: 233 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP SS	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-6-13 max.): E-F.
BOT CHORD 2x4 SP No.2 *Except* B3: 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2x4 SP No.3 *Except* W3: 2x4 SP No.2	WEBS 1 Row at midpt K-R
SLIDER Left 2x6 SP No.2 - \$ 1-11-12	JOINTS 1 Brace at Jt(s): Q, R

REACTIONS. (lb/size) B=1243/0-3-8 (min. 0-1-9), I=559/Mechanical, J=616/0-3-8 (min. 0-1-8), M=369/0-3-8 (min. 0-1-8)
 Max Horz B=277(LC 9)
 Max Uplift B=223(LC 10), I=268(LC 10), J=216(LC 11), M=122(LC 6)
 Max Grav B=1304(LC 18), I=791(LC 18), J=796(LC 23), M=657(LC 19)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-254/0, C-D=-1659/343, D-E=-1369/405, E-F=-991/388, F-G=-1195/404, G-H=-946/302, H-I=-854/224
 BOT CHORD B-W=-316/1479, P-W=-316/1479, O-P=-317/1478, N-O=-172/932, N-X=-172/930, M-X=-171/936, L-M=-142/934, K-L=-172/932, K-Y=-217/1057,
 Y-Z=-217/1057, J-Z=-217/1057, I-J=-99/114
 WEBS D-P=0/195, D-O=-500/252, F-R=-126/246, K-R=-119/226, G-K=-292/259, O-Q=-125/624, E-Q=-78/437, Q-R=93/26, F-Q=-78/281,
 G-J=-789/253, H-J=-255/717

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 223 lb uplift at joint B, 268 lb uplift at joint I, 216 lb uplift at joint J and 122 lb uplift at joint M.
 - 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.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

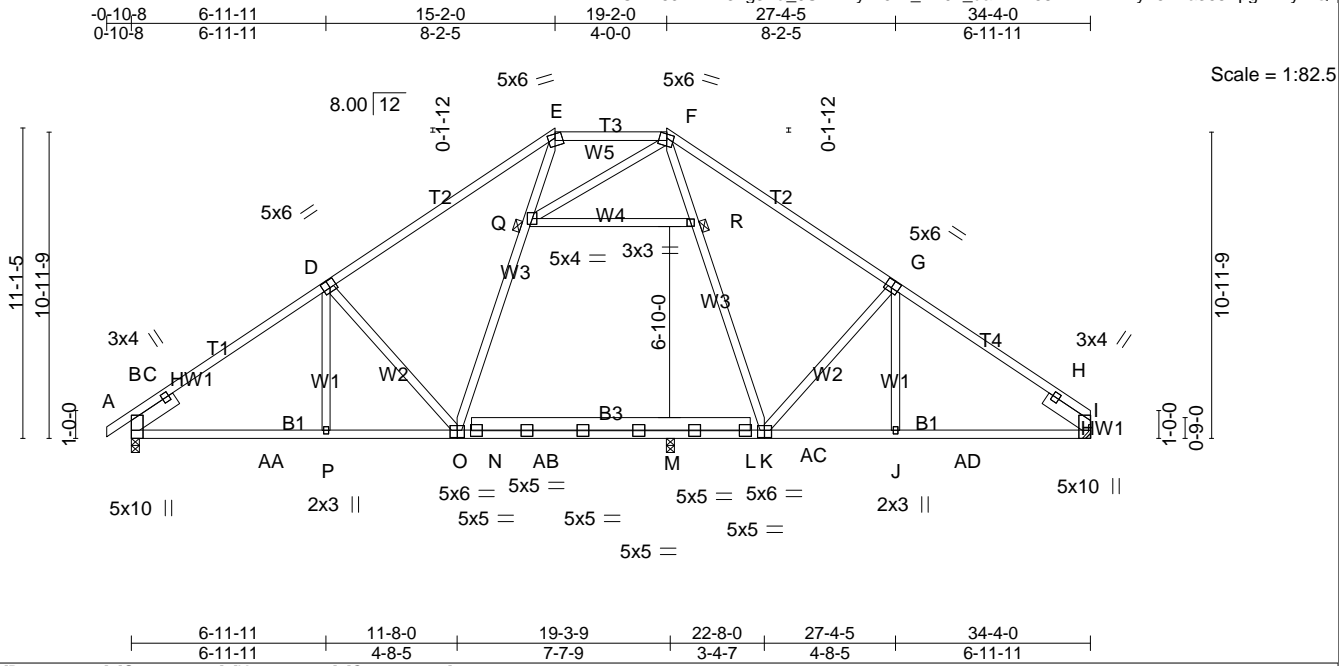


Plate Offsets (X,Y)-- [D:0-3-0,0-3-4], [G:0-3-0,0-3-4], [K:0-3-0,0-3-0], [O:0-3-0,0-3-0]

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 0.96	Vert(LL) -0.21	O-P >999	240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.89	Vert(CT) -0.33	O-P >693	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.74	Horz(CT) 0.08	I n/a	n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH					
						Weight: 231 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-10-6 max.): E-F.
BOT CHORD 2x4 SP No.2 *Except* B3: 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3 *Except* W3: 2x4 SP No.2	JOINTS 1 Brace at Jt(s): Q, R
SLIDER Left 2x6 SP No.2 -\$ 1-11-12, Right 2x6 SP No.2 -\$ 1-11-12	

REACTIONS. (lb/size) B=1204/0-3-8 (min. 0-1-8), I=1089/Mechanical, M=506/0-3-8 (min. 0-1-8)
 Max Horz B=258(LC 9)
 Max Uplift B=-198(LC 10), I=-136(LC 11)
 Max Grav B=1204(LC 1), I=1089(LC 1), M=717(LC 19)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-245/0, C-D=-1517/363, D-E=-1226/427, E-F=-863/399, F-G=-1128/431, G-H=-1423/366, H-I=-251/0
BOT CHORD B-AA=-300/1346, P-AA=-300/1346, O-P=-300/1344, N-O=-84/815, N-AB=-84/814, M-AB=-83/821, M-AC=-78/829, L-AC=-79/824, K-L=-84/815,
 J-K=-202/1107, J-AD=-202/1108, I-AD=-202/1108
WEBS D-P=0/215, D-O=-540/261, F-R=-89/247, K-R=-102/239, G-K=-563/279, G-J=0/220, O-Q=-130/497, E-Q=-81/354, Q-R=-90/53, F-Q=-155/268

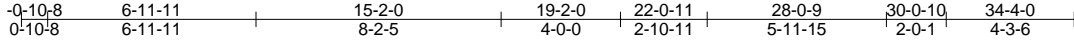
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint B and 136 lb uplift at joint I.
 - 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.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job 20083763	Truss A8	Truss Type Piggyback Base	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	------------------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:28 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-OBzxE1?FL82P0fJuLuAeSjt7HVQ9JYxITTPetpyIXQj



Scale = 1:77.0

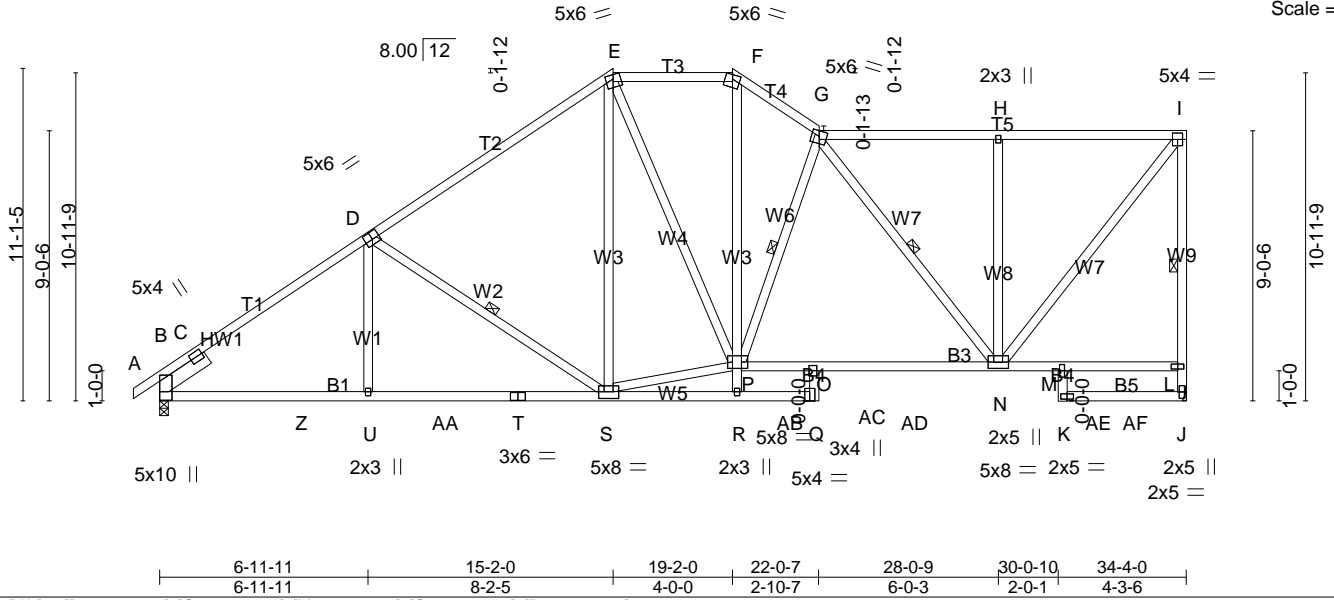


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-3-0,0-2-5], [M:0-2-8,0-0-8], [O:0-2-0,0-0-4], [P:0-2-8,0-2-8]

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 0.96	Vert(LL) -0.20 N-O >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.84	Vert(CT) -0.36 N-O >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.64	Horz(CT) 0.08 J n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-MSH			
				Weight: 264 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP SS, T1: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (4-11-13 max.): E-F, G-I.
BOT CHORD 2x4 SP No.2 *Except* B1: 2x4 SP No.1, B4: 2x4 SP No.3	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt I-J, D-S, G-N, G-P
SLIDER Left 2x6 SP No.2 - \$ 1-11-12	

REACTIONS. (lb/size) J=1367/Mechanical, B=1421/0-3-8 (min. 0-1-11)
 Max Horz B=379(LC 9)
 Max Uplift J=191(LC 11), B=149(LC 10)
 Max Grav J=1503(LC 2), B=1442(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-185/8, C-D=-1893/345, D-E=-1465/372, E-F=-1236/364, F-G=-1558/415, G-H=-963/291, H-I=-962/290, J-L=-1400/289, I-L=-1329/309
 BOT CHORD B-Z=-275/1655, U-Z=-275/1655, U-AA=-276/1653, T-AA=-276/1653, S-T=-276/1653, R-S=-249/0, R-AB=-295/0, Q-AB=-295/0, O-Q=-62/0, P-AC=-146/1632, O-AC=-146/1632, O-AD=-228/1410, N-AD=-228/1410, M-N=-145/161, M-AE=-249/231, L-AE=-249/231, K-M=0/80, K-AF=-69/129, J-AF=-69/129
 WEBS D-U=0/273, D-S=-586/256, E-S=-78/253, P-R=0/225, F-P=-159/738, P-S=-142/1376, H-N=-435/199, I-N=-292/1534, G-N=-744/136, G-P=-500/239, E-P=-58/409

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 191 lb uplift at joint J and 149 lb uplift at joint B.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 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

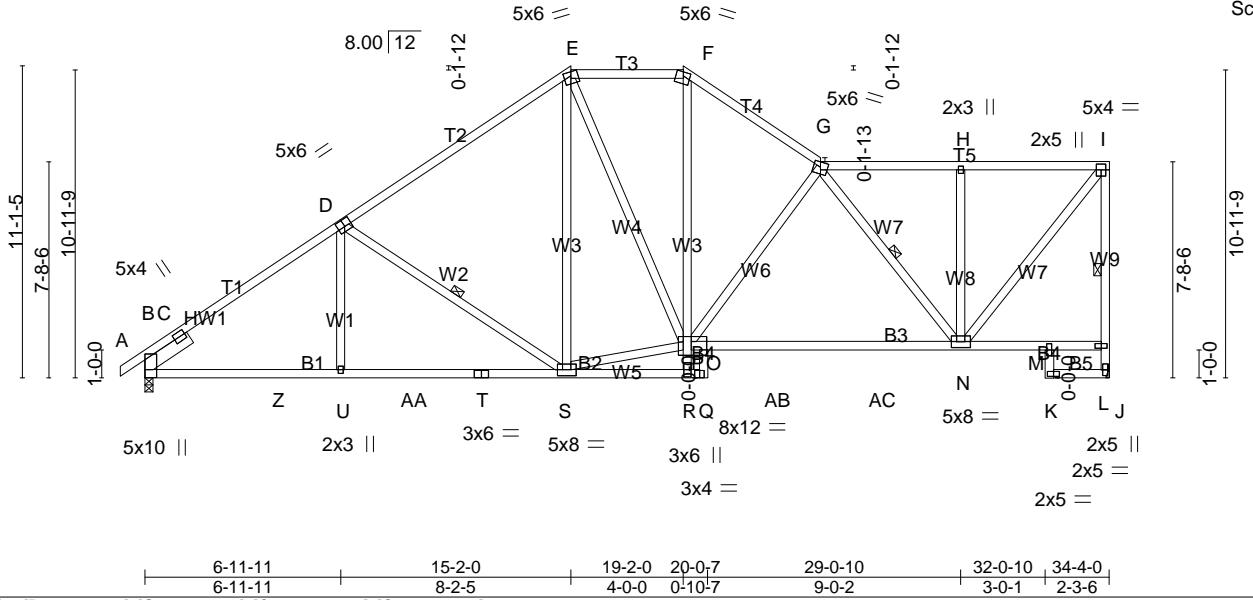
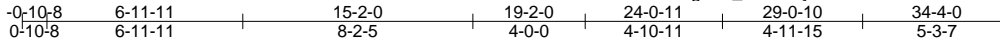


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-3-0,0-2-5], [O:0-1-12,0-0-0], [O:0-5-8,0-2-4]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.92	Vert(LL) -0.22 N-O >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.94	Vert(CT) -0.44 N-O >929 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.64	Horz(CT) 0.08 J n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			
				Weight: 249 lb	FT = 20%

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.2 *Except* T2: 2x4 SP SS, T1: 2x4 SP No.1	TOP CHORD	Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-0-0 max.): E-F, G-I.
BOT CHORD	2x4 SP No.2 *Except* B1: 2x4 SP No.1, B4: 2x4 SP No.3	BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	2x4 SP No.3	WEBS	1 Row at midpt I-J, D-S, G-N
SLIDER	Left 2x6 SP No.2 - \$ 1-11-12		

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

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-188/7, C-D=-1862/345, D-E=-1465/371, E-F=-1203/367, F-G=-1550/390, G-H=-975/267, H-I=-973/266, J-L=-1342/269, I-L=-1332/286
 BOT CHORD B-Z=-240/1620, U-Z=-240/1620, U-AA=-241/1617, T-AA=-241/1617, S-T=-241/1617, R-S=-269/0, Q-R=-338/0, O-Q=-333/0, O-P=-132/1737, O-AB=-229/1505, AB-AC=-229/1505, N-AC=-229/1505, M-N=-123/137, L-M=-179/181, K-M=0/35, J-K=-44/57
 WEBS D-U=0/273, D-S=-589/257, E-S=-76/246, P-R=0/410, F-P=-107/644, P-S=-83/1371, H-N=-355/171, I-N=-278/1540, G-N=-869/187, G-P=-488/226, E-P=-62/362

- 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 J 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

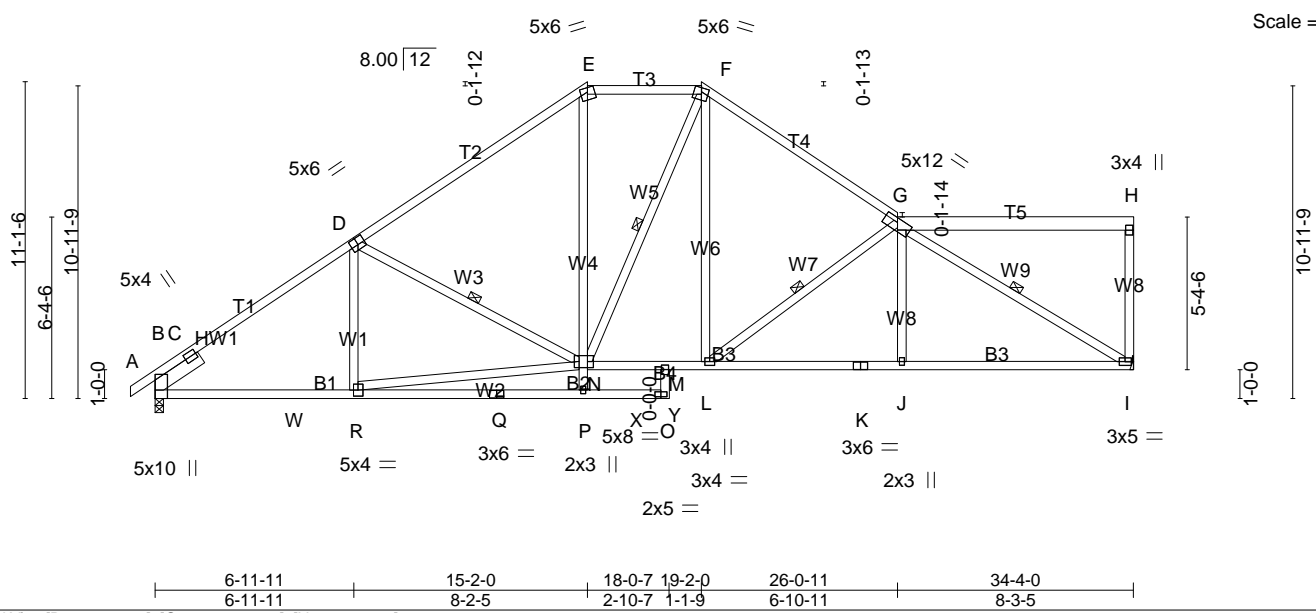
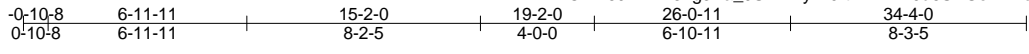


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-5-12,0-1-12], [N:0-2-8,0-2-8]

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 0.93	Vert(LL) -0.14 P-R >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.79	Vert(CT) -0.33 P-R >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.92	Horz(CT) 0.08 I n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-MSH			Weight: 244 lb FT = 20%

LUMBER- TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP SS, T5: 2x6 SP No.2, T1: 2x4 SP No.1 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 (4-11-14 max.): E-F, G-H. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt D-N, G-I, F-N, G-L
---	---

REACTIONS. (lb/size) I=1367/Mechanical, B=1421/0-3-8 (min. 0-1-11)
Max Horz B=316(LC 7)
Max Uplift I=160(LC 11), B=151(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-183/10, C-D=-1863/344, D-E=-1571/370, E-F=-1199/377, F-G=-1569/384, G-H=-92/86, H-I=-233/111
BOT CHORD B-W=-255/1566, R-W=-255/1566, Q-R=-23/207, P-Q=-23/207, P-X=-32/163, O-X=-32/163, M-O=-7/33, N-Y=-70/1063, M-Y=-70/1063,
L-M=-87/1198, K-L=-218/1705, J-K=-218/1705, I-J=-216/1710
WEBS D-R=-75/141, D-N=-410/243, N-P=0/287, E-N=-43/468, G-J=0/338, G-I=-1989/340, F-L=76/532, N-R=-236/1369, F-N=-158/165, G-L=-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; TC DL=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 I 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 20083763	Truss A11	Truss Type Piggyback Base	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	------------------------------	----------	----------	-----------------------------

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC ID:OHw69XFTR3Lg3Pa_9Sx4fPylf4J-LZ5iej1Wtrml7GzsgTJC6X8yTQi6HnONbwnuLyhyiXQh 8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:30 2020 Page 1

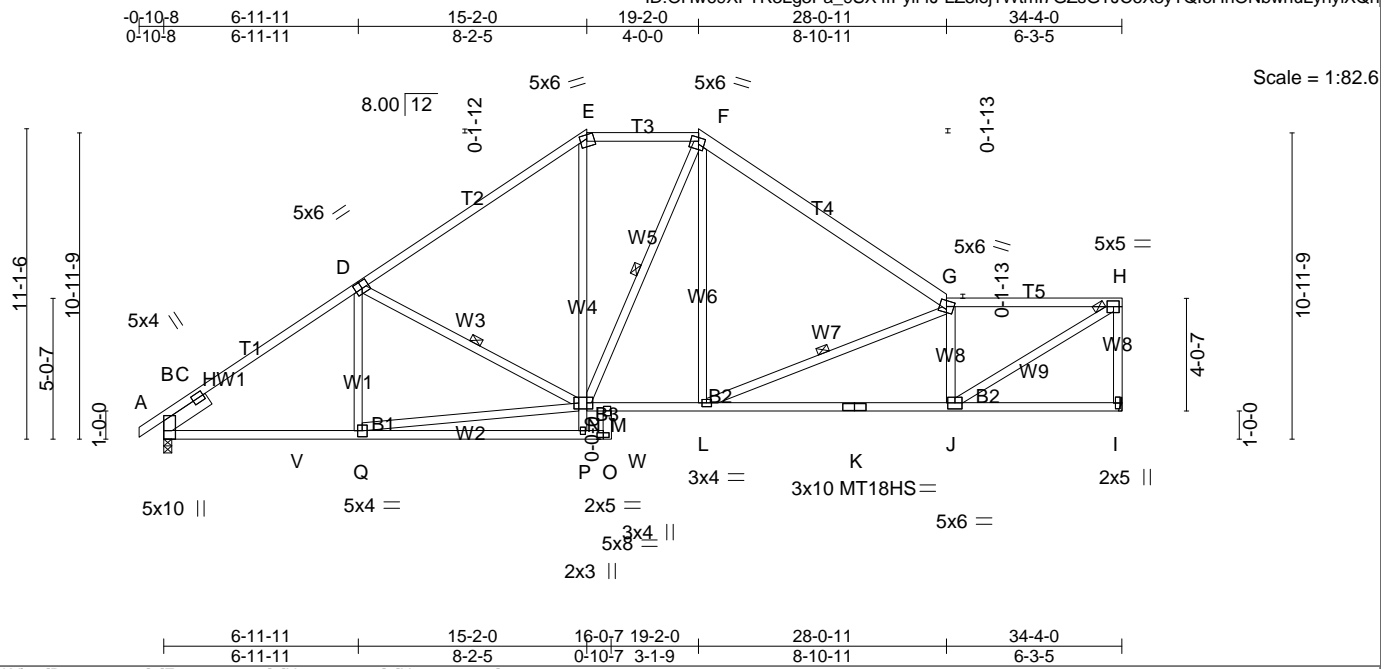


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [F:0-2-12,0-1-8], [H:0-2-4,0-2-8], [N:0-2-8,0-2-8]

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 0.92	Vert(LL) -0.17 J-L >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.80	Vert(CT) -0.40 J-L >999 180	MT18HS	244/190
BCLL 0.0 *	Rep Stress Incr YES	WB 0.90	Horz(CT) 0.07 I n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-MSH			Weight: 239 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP SS, T4: 2x6 SP No.2, T1: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (3-3-4 max.): E-F, G-H.
BOT CHORD 2x4 SP No.2 *Except* B1: 2x4 SP No.1, B3: 2x4 SP No.3	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: M-O.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt D-N, F-N, G-L
SLIDER Left 2x6 SP No.2 - \$ 1-11-12	

REACTIONS. (lb/size) I=1367/Mechanical, B=1421/0-3-8 (min. 0-1-11)
Max Horz B=304(LC 7)
Max Uplift=150(LC 11), B=151(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-193/1, C-D=-1860/344, D-E=-1569/375, E-F=-1199/380, F-G=-1618/354, G-H=-1863/368, H-I=-1317/264
BOT CHORD B-V=-252/1545, Q-V=-252/1545, P-Q=0/265, O-P=0/201, M-O=-151/0, M-N=-64/1033, M-W=45/1214, L-W=45/1214, K-L=-264/1902,
J-K=-264/1902, I-J=-51/51
WEBS D-Q=-77/149, D-N=-408/238, N-P=0/364, E-N=-53/482, G-J=-993/292, H-J=-358/2163, F-L=-9/536, N-Q=-282/1356, F-N=-205/138,
G-L=-740/238

- 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 I 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 20083763	Truss A12	Truss Type PIGGYBACK BASE	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	------------------------------	----------	----------	-----------------------------

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-pmf4s318e3Q_tIRT00kL4MVe6iRGWwbk9QeuU8yXQg 8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:31 2020 Page 1

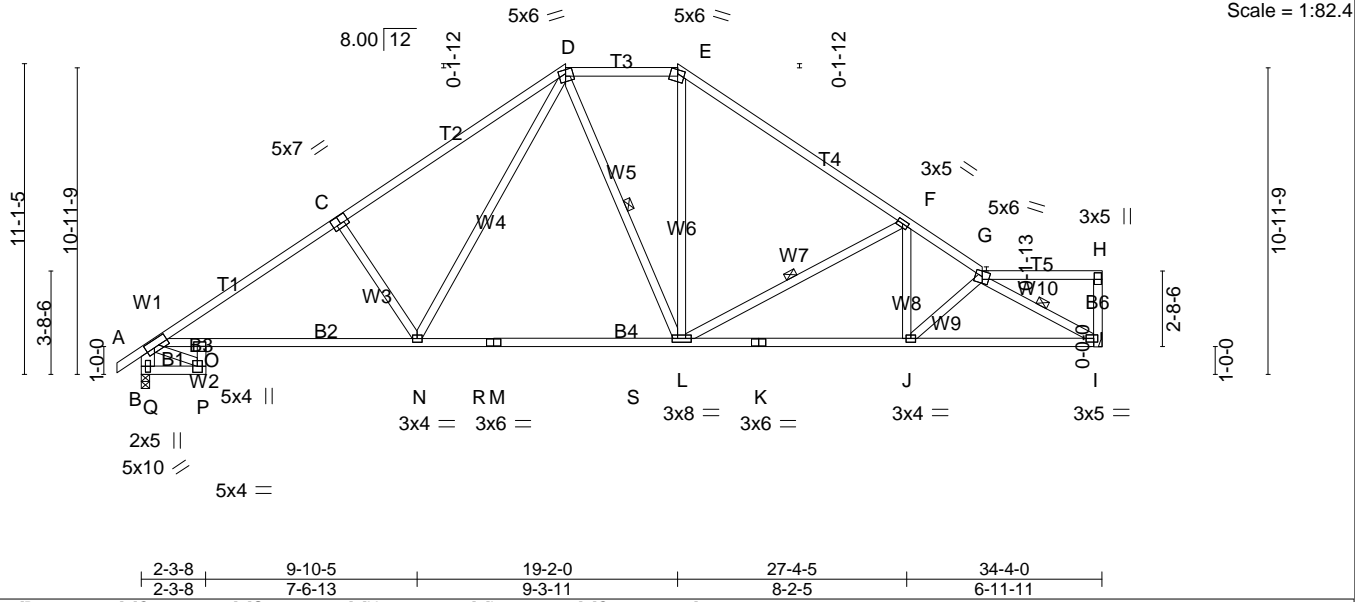
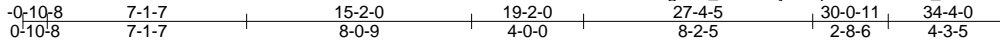


Plate Offsets (X,Y)-- [B:0-4-4,0-3-0], [C:0-3-8,0-3-4], [G:0-3-0,0-2-5], [H:0-2-12,0-1-8], [I:0-3-4,0-1-8], [O:0-2-0,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.92	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.88	Vert(LL) -0.38 L-N >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.51	Vert(CT) -0.55 L-N >742 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MSH	Horz(CT) 0.18 H n/a n/a		
	Code IRC2015/TP12014			Weight: 206 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2,T4: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-0-9 max.): D-E, G-H.
BOT CHORD 2x4 SP No.2 *Except* B6: 2x4 SP No.3, B2,B5: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 9-11-5 oc bracing.
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2	WEBS 1 Row at midpt D-L, F-L, G-I

REACTIONS. (lb/size) H=1357/Mechanical, Q=1426/0-3-8 (min. 0-1-11)
 Max Horz Q=266(LC 7)
 Max Uplift H=-139(LC 11), Q=-148(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/42, B-C=-2156/419, C-D=-1963/476, D-E=-1195/371, E-F=-1586/363, F-G=-2171/386, G-H=-44/5, B-Q=-1433/293
 BOT CHORD H-I=-173/1213, P-Q=-281/353, O-P=-105/122, B-O=-289/1661, N-O=-361/1869, N-R=-119/1187, M-R=-119/1187, M-S=-119/1187,
 L-S=-119/1187, K-L=-314/1805, J-K=-314/1805, I-J=-351/1981
 WEBS D-L=-126/222, E-L=-52/544, F-L=-685/255, F-J=0/412, G-J=-238/54, G-I=-2255/404, B-P=-169/222, C-N=-483/315, D-N=-203/875

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 139 lb uplift at joint H and 148 lb uplift at joint Q.
 - 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.
 - 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 20083763	Truss A13	Truss Type PIGGYBACK BASE	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	------------------------------	----------	----------	-----------------------------

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC ID:OHw69XFTR3Lg3Pa_9SX4fPYll4J-HyCS3P2mPNZr/vs0fakFadZ2ps6nUFNzuO4NS0ayIXQr 8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:32 2020 Page 1

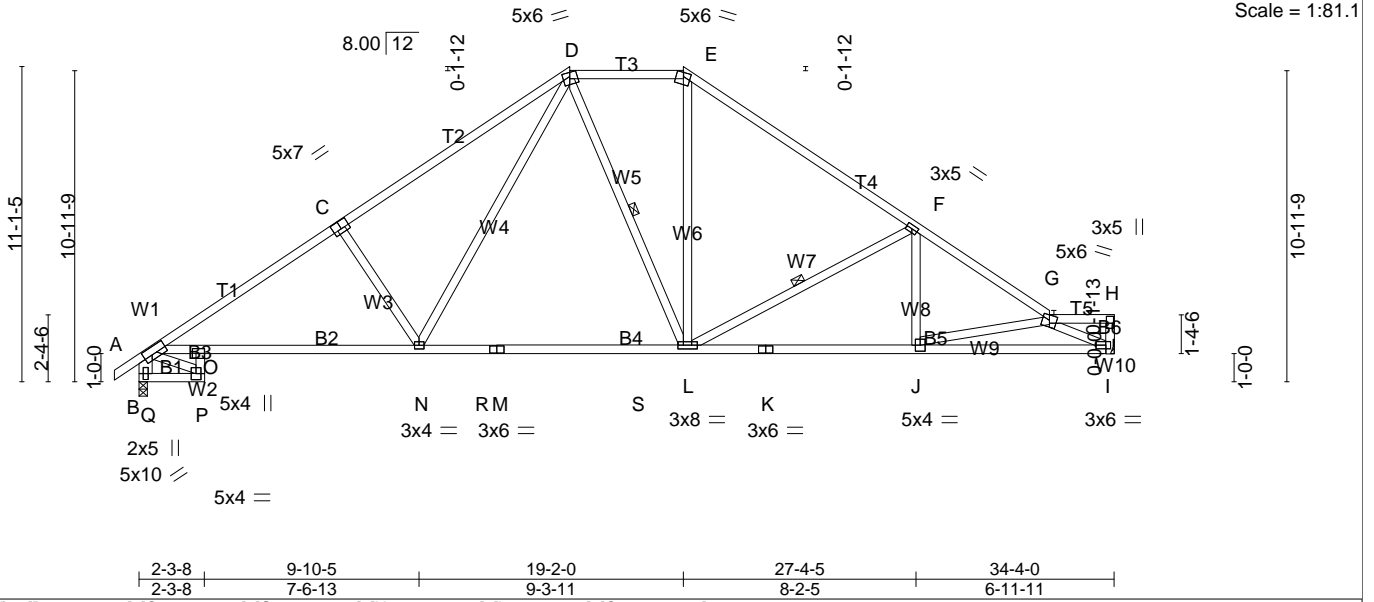
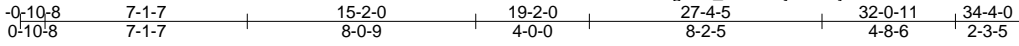


Plate Offsets (X,Y)-- [B:0-4-4,0-3-0], [C:0-3-8,0-3-4], [G:0-3-0,0-2-5], [H:0-2-12,0-1-8], [I:0-4-0,0-1-8], [O:0-2-0,0-1-8]

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 0.92	Vert(LL) -0.38 L-N >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.88	Vert(CT) -0.55 L-N >739 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.57	Horz(CT) 0.20 H n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			Weight: 203 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2,T4: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-0-9 max.): D-E, G-H.
BOT CHORD 2x4 SP No.2 *Except* B6: 2x4 SP No.3, B2,B5: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 9-7-15 oc bracing.
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2	WEBS 1 Row at midpt D-L, F-L

REACTIONS. (lb/size) H=1357/Mechanical, Q=1426/0-3-8 (min. 0-1-11)
 Max Horz Q=270(LC 7)
 Max Uplift H=-135(LC 11), Q=-151(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/42, B-C=-2156/414, C-D=-1963/471, D-E=-1195/372, E-F=-1586/365, F-G=-2206/394, G-H=-89/0, B-Q=-1433/297
 BOT CHORD H-I=-190/1250, P-Q=-260/360, O-P=-97/125, B-O=-249/1670, N-O=-329/1881, N-R=-70/1198, M-R=-70/1198, M-S=-70/1198, L-S=-70/1198,
 K-L=-275/1806, J-K=-275/1806, I-J=-419/2334
 WEBS D-L=-129/222, E-L=-53/544, F-L=-702/267, F-J=0/392, G-J=-543/148, G-I=-2558/484, B-P=-175/207, C-N=-484/313, D-N=-198/877

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 135 lb uplift at joint H and 151 lb uplift at joint Q.
 - 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.
 - 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 20083763	Truss A14	Truss Type PIGGYBACK BASE	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	------------------------------	----------	----------	-----------------------------

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-l8mqHk3OAhhi70br8Rmp9nazfW51_rx1dk7?Z0yiXQe 8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:33 2020 Page 1

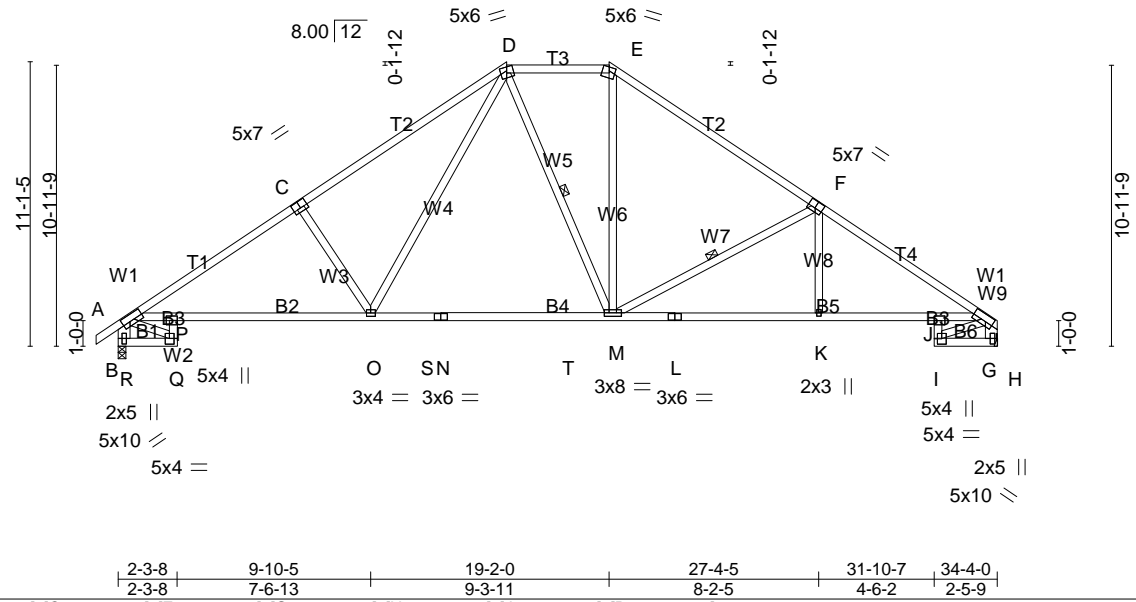
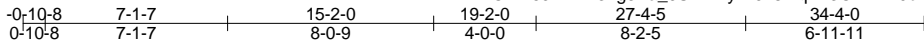


Plate Offsets (X,Y)-- [B:0-4-4,0-3-0], [C:0-3-8,0-3-4], [F:0-3-8,0-3-4], [G:0-4-4,0-3-0], [H:0-2-8,0-2-4], [J:0-2-0,0-0-0], [P:0-2-0,0-1-8]

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 0.92	Vert(LL) -0.38 M-O >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.99	Vert(CT) -0.56 M-O >729 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.46	Horz(CT) 0.33 H n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			Weight: 201 lb FT = 20%

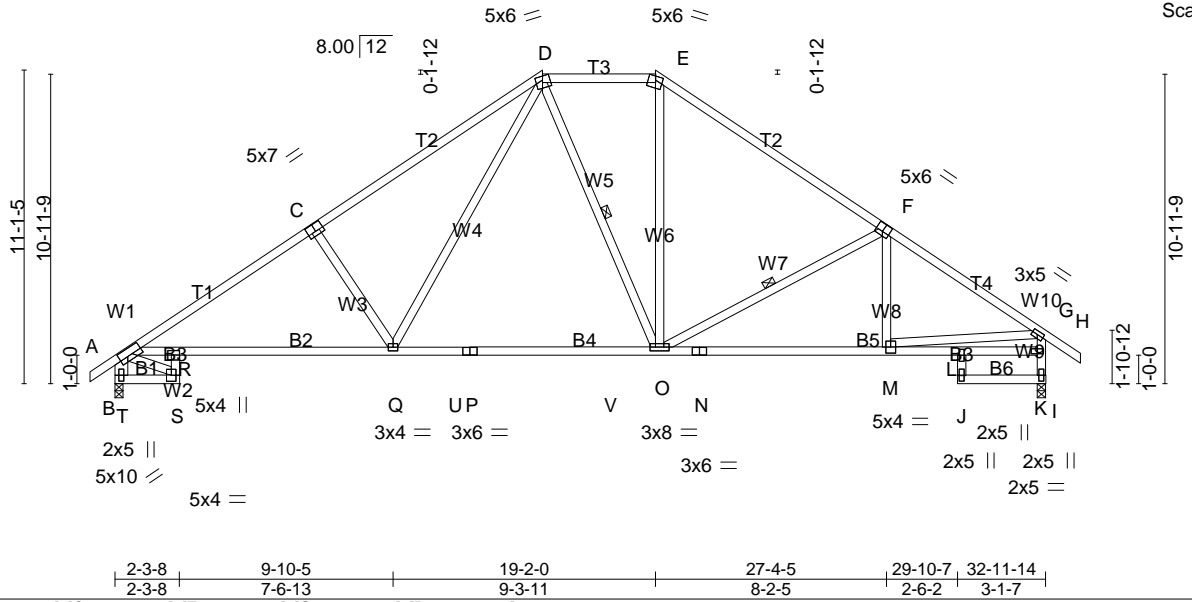
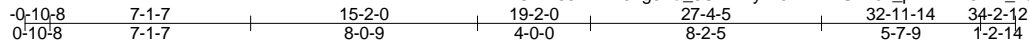
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-1-4 max.): D-E.
BOT CHORD 2x4 SP No.2 *Except* B2,B5: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: O-P.
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2	WEBS 1 Row at midpt D-M, F-M

REACTIONS. (lb/size) R=1422/0-3-8 (min. 0-1-11), H=1344/Mechanical
 Max Horz R=290(LC 7)
 Max Uplift R=152(LC 10), H=125(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/42, B-C=-2151/400, C-D=-1957/457, D-E=-1186/367, E-F=-1576/360, F-G=-2230/386, B-R=-1430/299, G-H=-1373/250
 BOT CHORD Q-R=-251/372, P-Q=-98/130, B-P=-210/1680, O-P=-279/1895, O-S=-19/1210, N-S=-19/1210, N-T=-19/1210, M-T=-19/1210, L-M=-204/1802,
 K-L=-204/1802, J-K=-203/1805, G-J=-173/1616, I-J=-33/99, H-I=-117/313
 WEBS D-M=-131/213, E-M=-53/546, F-M=-716/279, F-K=0/355, B-Q=-184/210, C-O=-485/310, D-O=-190/882, G-I=-140/96

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 152 lb uplift at joint R and 125 lb uplift at joint H.
 - 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.
 - 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



Scale = 1:81.7

Plate Offsets (X,Y)-- [B:0-4-4,0-3-0], [C:0-3-8,0-3-4], [F:0-3-0,0-3-4], [G:0-2-4,0-1-8], [R:0-2-0,0-1-8]

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 0.87	Vert(LL) -0.37 O-Q >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.82	Vert(CT) -0.52 O-Q >750 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.52	Horz(CT) 0.22 I n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			
				Weight: 206 lb	FT = 20%

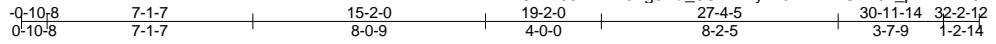
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-3-8 max.): D-E.
BOT CHORD 2x4 SP No.2 *Except* B2,B5: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: I-J.
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2	WEBS 1 Row at midpt D-O, F-O

REACTIONS. (lb/size) T=1370/0-3-8 (min. 0-1-10), I=1388/0-3-8 (min. 0-1-10)
 Max Horz T=307(LC 9)
 Max Uplift T=150(LC 10), I=149(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/42, B-C=-2053/374, C-D=-1866/431, D-E=-1087/348, E-F=-1452/336, F-G=-1808/314, G-H=0/46, B-T=-1377/292, I-K=-1351/286, G-K=-1327/290
 BOT CHORD S-T=-252/373, R-S=-99/131, B-R=-196/1623, Q-R=-260/1836, Q-U=-33/1152, P-U=-33/1152, P-V=-33/1152, O-V=-33/1152, N-O=-90/1445, M-N=-90/1445, L-M=-42/222, K-L=-49/254, J-L=0/47, I-J=-40/22
 WEBS D-O=-156/185, E-O=-49/480, F-O=-472/243, F-M=-45/159, G-M=-143/1246, B-S=-186/211, C-Q=-486/309, D-Q=-188/879

- 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 150 lb uplift at joint T and 149 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



Scale = 1:79.7

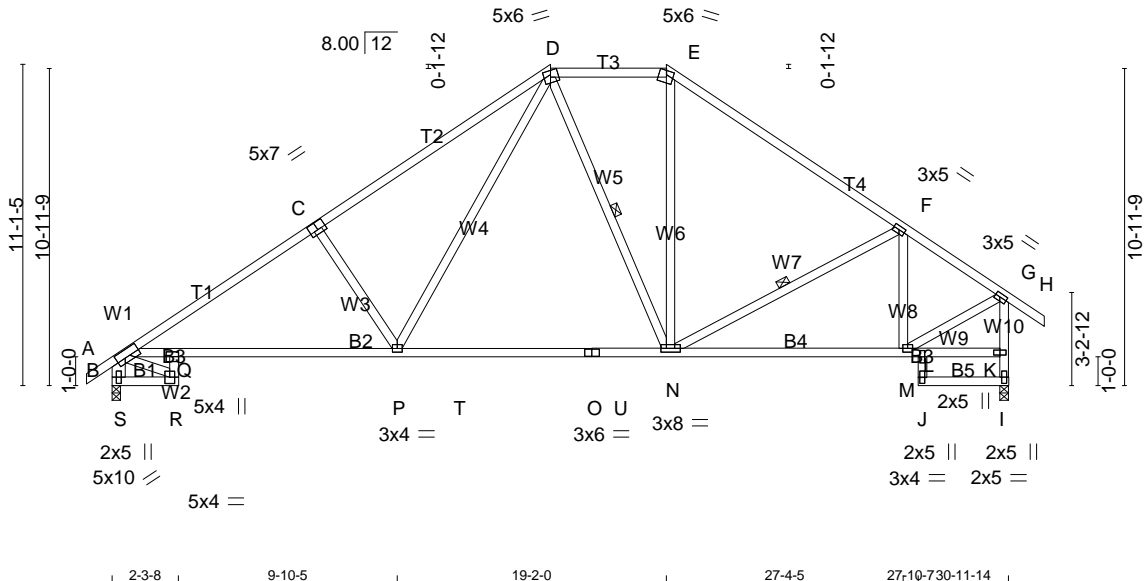


Plate Offsets (X,Y)-- [B:0-4-4,0-3-0], [C:0-3-8,0-3-4], [G:0-2-0,0-1-8], [Q:0-2-0,0-1-8]

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 0.84	Vert(LL) -0.35 N-P >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.78	Vert(CT) -0.49 P-Q >750 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.47	Horz(CT) 0.20 I n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			
				Weight: 199 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1 *Except* T3,T1: 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-8-13 max.): D-E.
BOT CHORD 2x4 SP No.2 *Except* B2: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: L-M,I,J.
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2	WEBS 1 Row at midpt D-N, F-N

REACTIONS. (lb/size) S=1290/0-3-8 (min. 0-1-8), I=1308/0-3-8 (min. 0-1-9)
 Max Horz S=324(LC 9)
 Max Uplift S=147(LC 10), I=130(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/42, B-C=-1904/356, C-D=-1731/412, D-E=-929/327, E-F=-1264/310, F-G=-1152/242, G-H=0/46, B-S=-1295/281, I-K=-1282/271, G-K=-1294/265
 BOT CHORD R-S=-267/362, Q-R=-104/127, B-Q=-195/1516, P-Q=-261/1722, P-T=-70/1039, O-T=-70/1039, O-U=-70/1039, N-U=-70/1039, M-N=-92/952, L-M=-77/100, K-L=-74/107, J-L=0/61, I-J=-18/5
 WEBS D-N=-215/171, E-N=-45/387, F-N=-165/204, B-R=-181/221, C-P=-486/309, D-P=-189/876, F-M=-432/152, G-M=-151/1128

- 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 147 lb uplift at joint S and 130 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

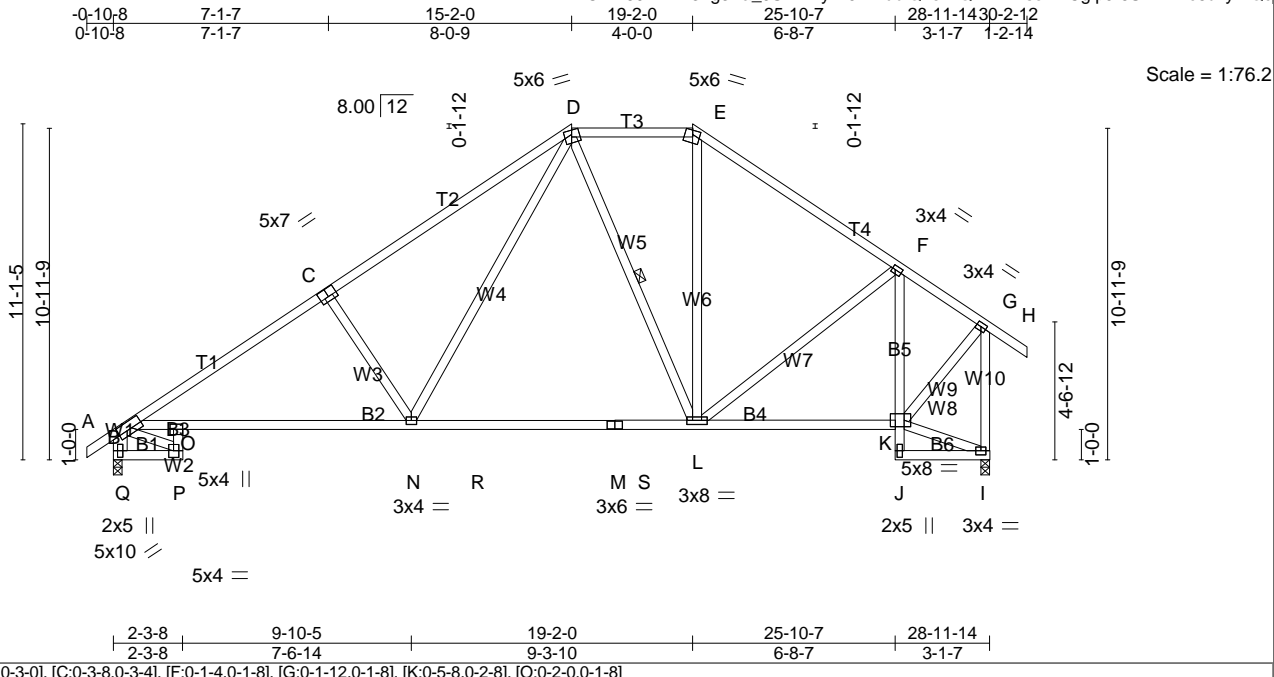


Plate Offsets (X,Y)-- [B:0-4-4,0-3-0], [C:0-3-8,0-3-4], [F:0-1-4,0-1-8], [G:0-1-12,0-1-8], [K:0-5-8,0-2-8], [O:0-2-0,0-1-8]

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 1.00	Vert(LL) -0.34 L-N >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.76	Vert(CT) -0.47 N-O >726 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.45	Horz(CT) 0.19 I n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			Weight: 195 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): D-E.
BOT CHORD 2x4 SP No.2 *Except* B2: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: I-J.
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2	WEBS 1 Row at midpt D-L

REACTIONS. (lb/size) Q=1210/0-3-8 (min. 0-1-8), I=1228/0-3-8 (min. 0-1-8)
 Max Horz Q=342(LC 9)
 Max Uplift Q=143(LC 10), I=114(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/42, B-C=-1756/336, C-D=-1595/393, D-E=-777/303, E-F=-1044/295, F-G=-723/213, G-H=0/46, B-Q=-1214/269, G-I=-1192/230
 BOT CHORD P-Q=-280/352, O-P=-109/125, B-O=-194/1408, N-O=-260/1607, N-R=-103/925, M-R=-103/925, M-S=-103/925, L-S=-103/925, K-L=-82/607, J-K=0/57, F-K=-600/112, I-J=-32/52
 WEBS D-L=-283/158, E-L=-56/323, F-L=-76/311, B-P=-178/230, C-N=-485/310, D-N=-189/874, G-K=-72/901, I-K=-107/114

- 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 143 lb uplift at joint Q and 114 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

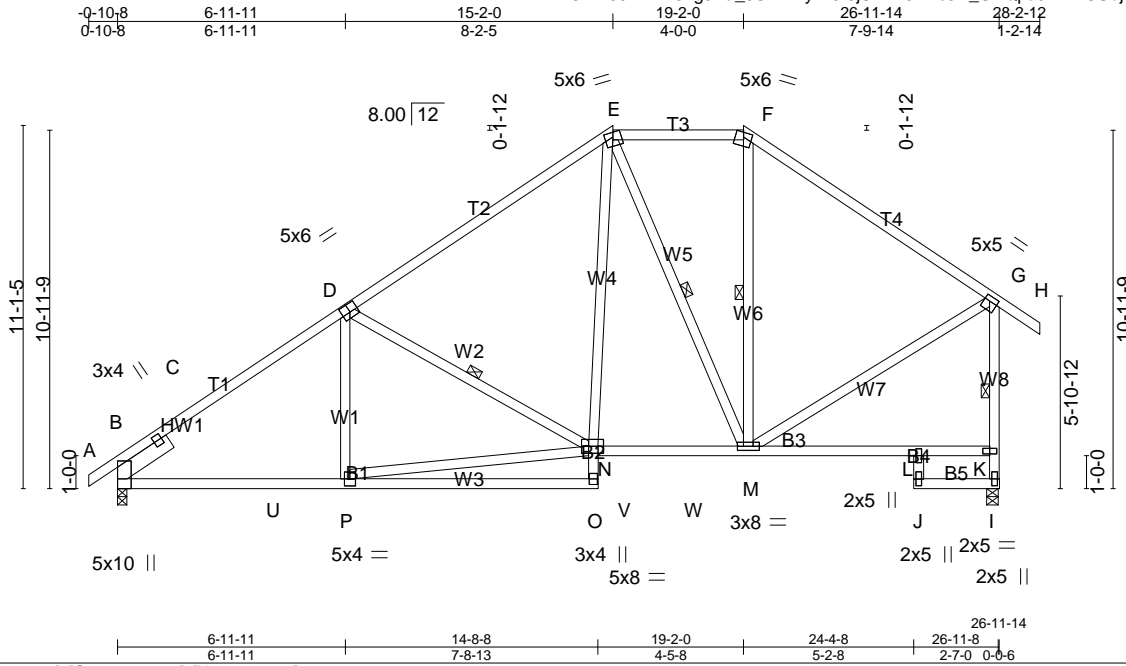


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-2-0,0-1-12], [N:0-5-8,0-2-8]

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 0.94	Vert(LL) -0.11 O-P >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.79	Vert(CT) -0.26 O-P >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.42	Horz(CT) 0.07 I n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			
				Weight: 197 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): E-F.
BOT CHORD 2x4 SP No.2 *Except* B2,B4: 2x4 SP No.3	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: I-J.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt E-M, F-M, G-I, D-N
SLIDER Left 2x6 SP No.2 - \$ 1-11-12	

REACTIONS. (lb/size) B=1125/0-3-8 (min. 0-1-8), I=1158/0-4-3 (min. 0-1-8)
 Max Horz B=349(LC 9)
 Max Uplift B=-138(LC 10), I=-102(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-175/28, C-D=-1400/279, D-E=-1055/297, E-F=-652/287, F-G=-874/266, G-H=0/46, I-K=-1120/249, G-K=-1079/273
 BOT CHORD B-U=-204/1240, P-U=-204/1240, O-P=0/123, N-O=0/146, N-V=-124/805, V-W=-124/805, M-W=-124/805, L-M=-88/94, K-L=-111/99, J-L=0/25, I-J=-38/33
 WEBS D-P=-24/185, E-M=-406/134, F-M=-40/204, G-M=-47/682, E-N=-88/544, N-P=-228/1182, D-N=-467/239

- 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 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 20083763	Truss A19	Truss Type PIGGYBACK BASE	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	------------------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:37 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-ew0L666vEvB8bdvdNHqJKdI77VFwghdXM5DinyiXQa

-0-10-8 0-10-8	6-11-11 6-11-11	15-2-0 8-2-5	19-2-0 4-0-0	26-8-0 7-6-0	27-6-8 0-10-8
-------------------	--------------------	-----------------	-----------------	-----------------	------------------

Scale = 1:76.0

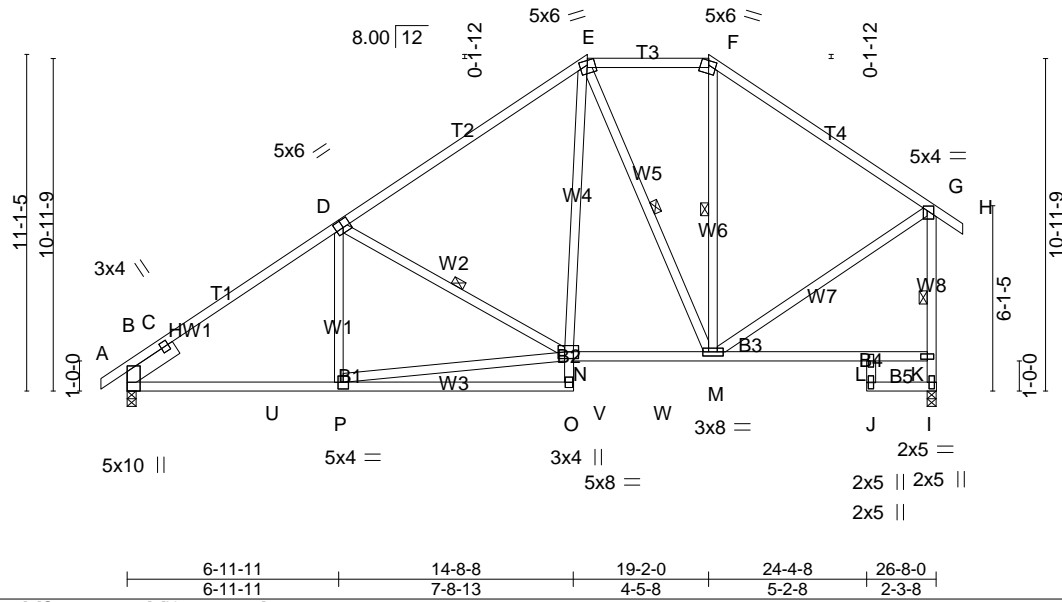


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-1-8,0-1-12], [N:0-5-8,0-2-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.89	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.78	Vert(LL) -0.11 O-P >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.41	Vert(CT) -0.26 O-P >999 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MSH	Horz(CT) 0.06 I n/a n/a		
	Code IRC2015/TPI2014			Weight: 195 lb	FT = 20%

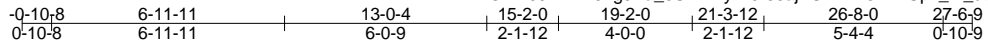
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2 *Except* T2: 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): E-F.
BOT CHORD 2x4 SP No.2 *Except* B2,B4: 2x4 SP No.3	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: I-J.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt E-M, F-M, G-I, D-N
SLIDER Left 2x6 SP No.2 - \$ 1-11-12	

REACTIONS. (lb/size) B=1113/0-3-8 (min. 0-1-8), I=1122/0-3-8 (min. 0-1-8)
 Max Horz B=349(LC 9)
 Max Uplift B=-137(LC 10), I=-93(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-175/28, C-D=-1381/274, D-E=-1033/292, E-F=-630/281, F-G=-837/261, G-H=0/34, I-K=-1087/231, G-K=-1047/255
 BOT CHORD B-U=-207/1224, P-U=-207/1224, O-P=0/120, N-O=0/146, N-V=-129/785, V-W=-129/785, M-W=-129/785, L-M=-91/98, K-L=-114/105, J-L=0/19, I-J=-38/30
 WEBS D-P=-22/187, E-M=-420/135, F-M=-46/194, G-M=-50/674, E-N=-87/545, N-P=-229/1167, D-N=-471/239

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=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 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



Scale = 1:68.9

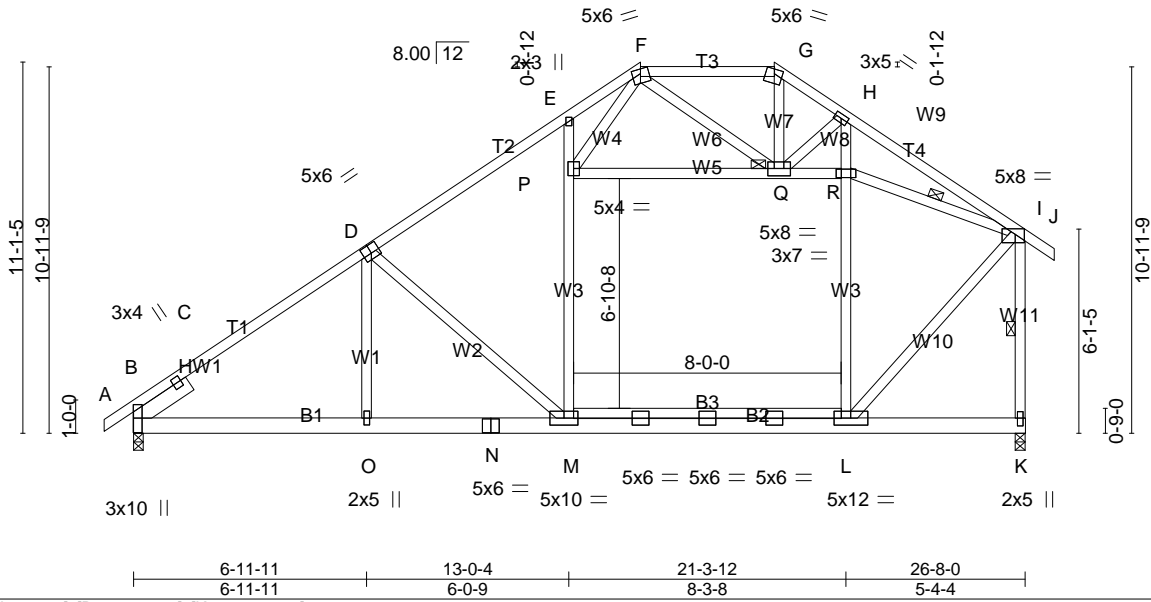


Plate Offsets (X,Y)-- [B:Edge,0-0-0], [D:0-3-0,0-3-0], [K:0-2-12,0-1-0]

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/TP12014	Matrix-MSH	Attic -0.07 L-M 1365 360	Weight: 233 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	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 2x6 SP No.2 *Except* B3: 2x4 SP No.3	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3 *Except* W3,W5: 2x4 SP No.2	WEBS 1 Row at midpt I-K, I-R
SLIDER Left 2x6 SP No.2 - \$ 1-11-12	JOINTS 1 Brace at Jt(s): Q

REACTIONS. (lb/size) B=1142/0-3-8 (min. 0-1-8), K=1176/0-3-8 (min. 0-1-10)
 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

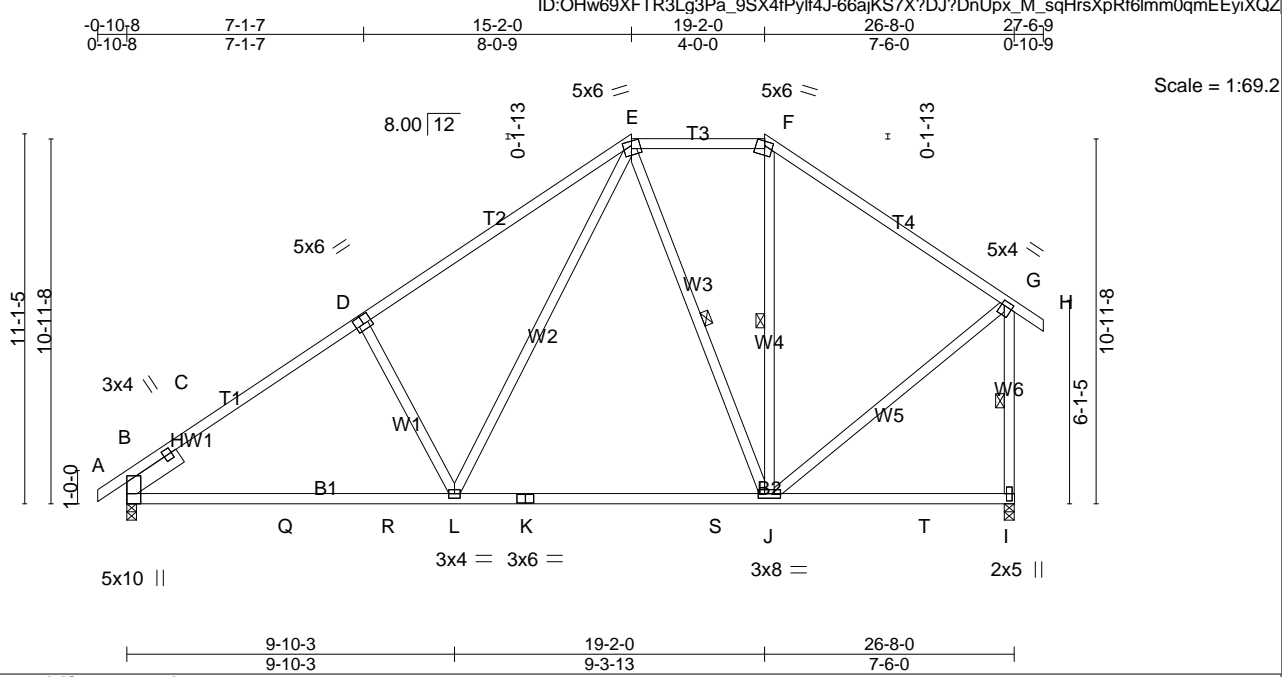


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [G:0-1-0,0-1-12]

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 0.89	Vert(LL) -0.31 J-L >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.91	Vert(CT) -0.47 J-L >678 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.49	Horz(CT) -0.03 B n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-MSH			
				Weight: 174 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
 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.): E-F.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt F-J, E-J, G-I

REACTIONS. (lb/size) B=1113/0-3-8 (min. 0-1-8), I=1123/0-3-8 (min. 0-1-8)
 Max Horz B=349(LC 9)
 Max Uplift B=137(LC 10), I=94(LC 11)
 Max Grav B=1162(LC 17), I=1170(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-439/0, C-D=-1401/293, D-E=-1299/374, E-F=-605/290, F-G=-792/272, G-H=0/34, G-I=-1066/251
 BOT CHORD B-Q=-218/1287, Q-R=-218/1287, L-R=-218/1287, K-L=-121/756, K-S=-121/756, J-S=-121/756, J-T=-75/78, I-T=-75/78
 WEBS F-J=-76/188, D-L=-412/303, E-L=-172/773, E-J=-374/155, G-J=-43/749

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 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 I.
 - 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.
 - 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

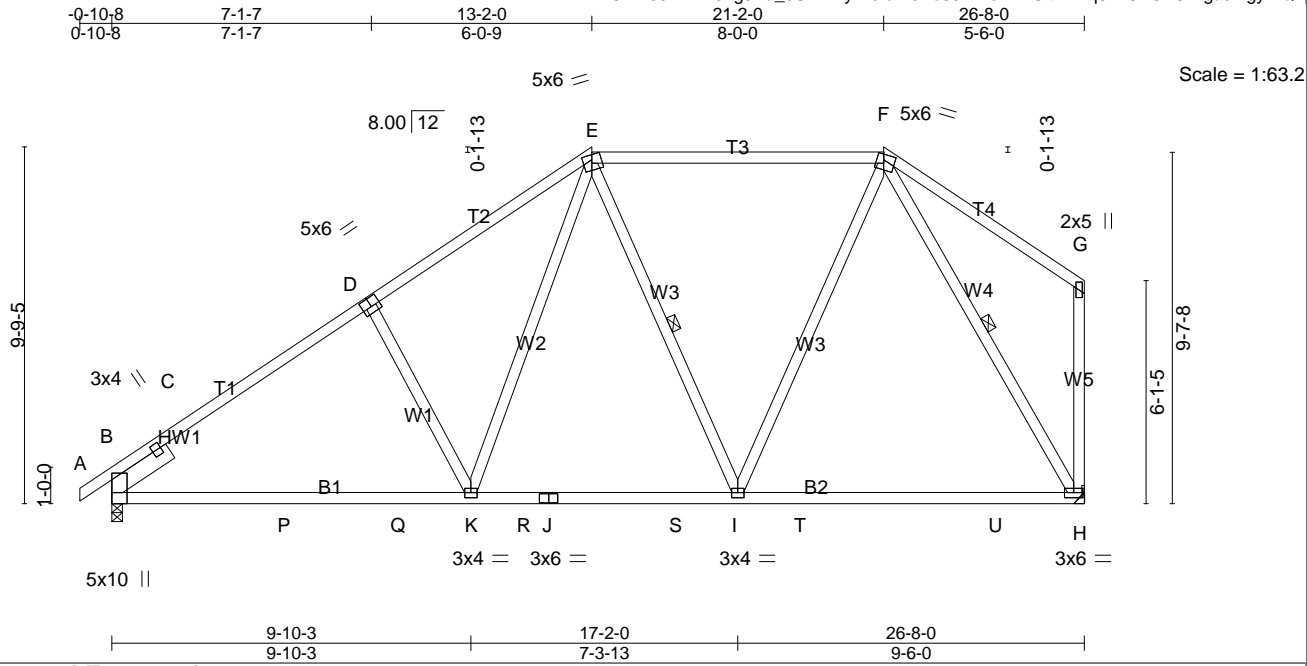


Plate Offsets (X,Y)-- [D:0-3-0,0-3-0], [F:0-2-4,0-1-12]

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 0.84	Vert(LL) -0.34 H-I >923 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.98	Vert(CT) -0.57 H-I >557 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.60	Horz(CT) 0.03 H 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

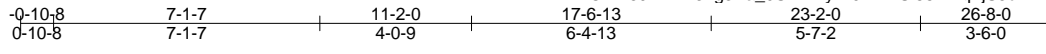
BRACING-
 TOP CHORD Structural wood sheathing directly applied or 3-7-11 oc purlins, except end verticals, and 2-0-0 oc purlins (4-2-2 max.): E-F.
 BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
 WEBS 1 Row at midpt E-I, F-H

REACTIONS. (lb/size) B=1114/0-3-8 (min. 0-1-8), H=1060/Mechanical
 Max Horz B=311(LC 9)
 Max Uplift B=127(LC 10), H=59(LC 11)
 Max Grav B=1152(LC 17), H=1143(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-517/0, C-D=-1394/283, D-E=-1257/346, F-G=-218/205, G-H=-235/165, E-F=-744/263
 BOT CHORD B-P=-222/1210, P-Q=-222/1210, K-Q=-222/1210, K-R=-172/853, J-R=-172/853, J-S=-172/853, I-S=-172/853, I-T=-112/519, T-U=-112/519, H-U=-112/519
 WEBS D-K=-342/256, E-K=-147/601, E-I=-279/137, F-I=-20/625, F-H=-991/154

- 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 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.
 - 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



Scale = 1:61.6

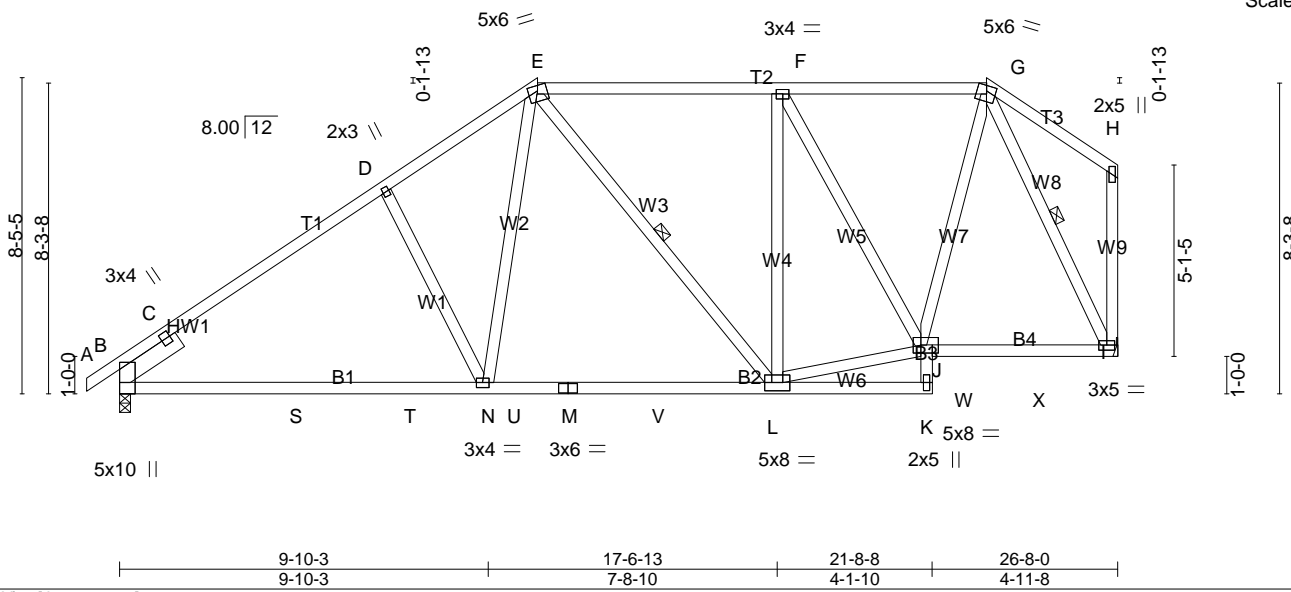


Plate Offsets (X,Y)-- [J:0-5-8,0-2-7]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.71	Vert(LL) -0.14 N-Q >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.84	Vert(CT) -0.27 N-Q >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.59	Horz(CT) 0.03 I n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-MSH			
				Weight: 184 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-3-7 oc purlins, except end verticals, and 2-0-0 oc purlins (5-8-1 max.): E-G.
BOT CHORD 2x4 SP No.2 *Except* B3: 2x4 SP No.3	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: K-L.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt E-L, G-I
SLIDER Left 2x6 SP No.2-\$ 1-11-12	

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

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-449/35, C-D=-1357/283, D-E=-1216/330, E-F=-829/290, F-G=-603/227, G-H=-155/154, H-I=-161/120
BOT CHORD B-S=-225/1103, S-T=-225/1103, N-T=-225/1103, N-U=-188/892, M-U=-188/892, M-V=-188/892, L-V=-188/892, K-L=-51/3, J-K=0/53, J-W=-107/443, W-X=-107/443, I-X=-107/443
WEBS D-N=-289/226, E-N=-107/587, F-L=-95/178, J-L=-161/884, F-J=-478/129, G-J=-86/736, E-L=-210/78, G-I=-1008/168

- 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 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

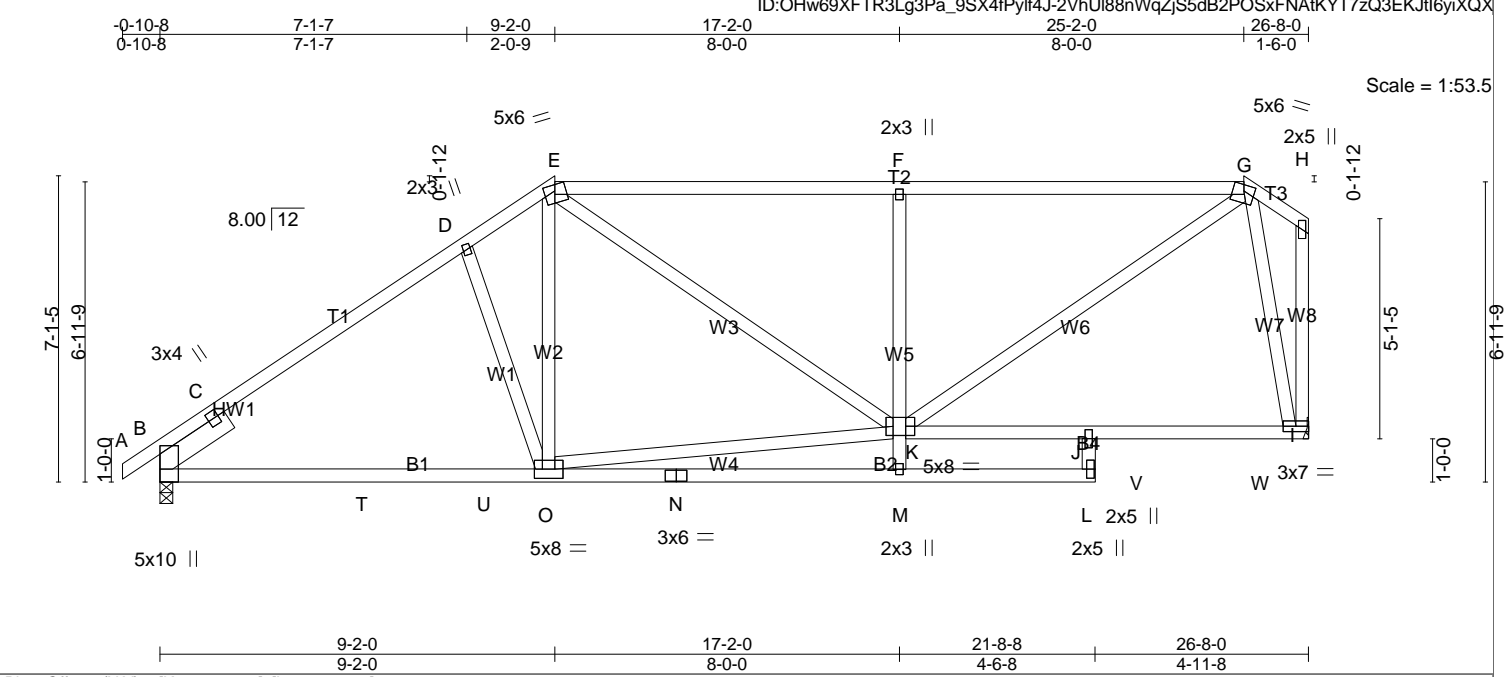


Plate Offsets (X,Y)-- [K:0-2-8,0-2-8], [L:0-2-8,0-1-4]

LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TP12014	CSI. TC 0.92 BC 0.74 WB 0.67 Matrix-MSH	DEFL. in (loc) l/defl L/d Vert(LL) -0.19 I-J >999 240 Vert(CT) -0.39 I-J >818 180 Horz(CT) 0.03 I n/a n/a	PLATES MT20 GRIP 244/190 Weight: 179 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 2-10-13 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 (min. 0-1-8), I=1060/Mechanical
Max Horz B=221(LC 7)
Max Uplift B=102(LC 10), I=142(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-333/98, C-D=-1345/285, D-E=-1186/338, E-F=-1217/323, F-G=-1208/317, G-H=-134/98, H-I=-122/57
BOT CHORD B-T=-235/1028, T-U=-235/1028, O-U=-235/1028, N-O=-78/67, M-N=-78/67, L-M=-128/12, J-L=-14/6, J-K=-12/304, J-V=-96/255, V-W=-96/255, I-W=-96/255
WEBS D-O=-248/227, E-O=-130/355, K-O=-145/940, K-M=0/352, F-K=-564/258, G-K=-206/1179, E-K=-150/369, G-I=-1030/289

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 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.
 - 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.
 - 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



Scale = 1:51.9

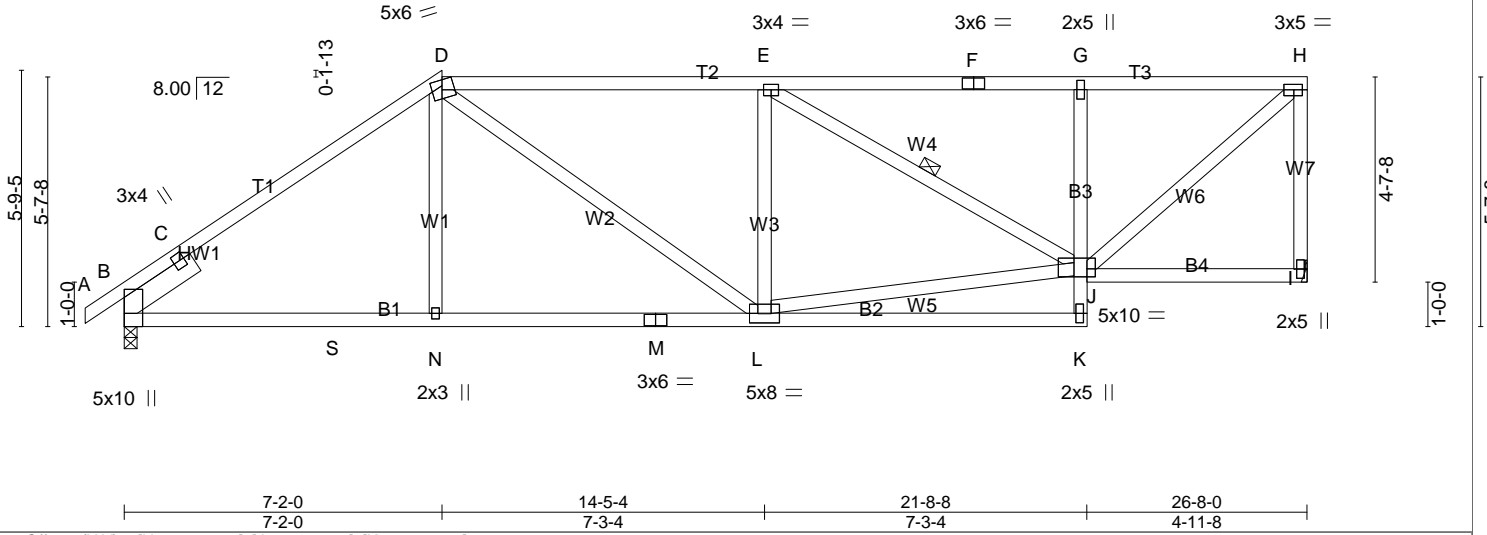


Plate Offsets (X,Y)-- [H:0-2-4,0-1-8], [J:0-2-4,0-2-0], [K:0-2-8,0-0-8]

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/TP12014	Matrix-MSH			
				Weight: 161 lb	FT = 20%

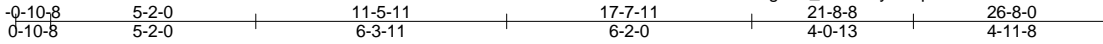
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (3-6-1 max.): D-H.
BOT CHORD 2x4 SP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
B3: 2x4 SP No.3	WEBS 1 Row at midpt E-J
WEBS 2x4 SP No.3	
SLIDER Left 2x6 SP No.2 - \$ 1-11-12	

REACTIONS. (lb/size) I=1060/Mechanical, B=1114/0-3-8 (min. 0-1-8)
 Max Horz B=179(LC 7)
 Max Uplift=-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-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 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.
 - 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.
 - 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



Scale = 1:58.0

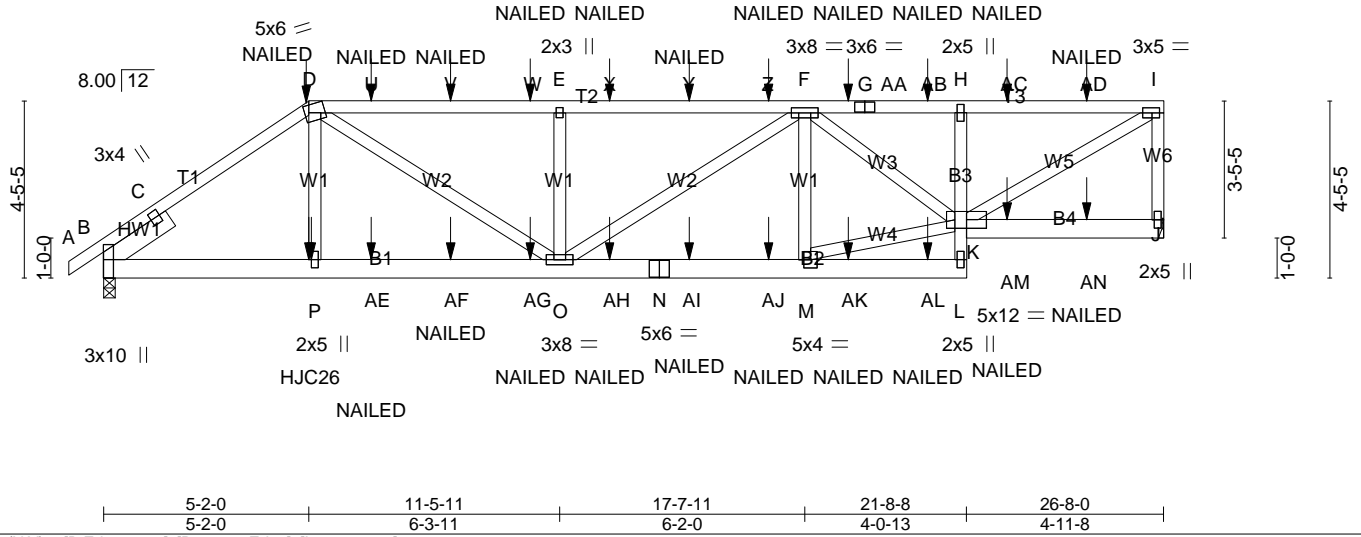


Plate Offsets (X,Y)-- [B:Edge,0-0-0], [D:0-4-12,Edge], [I:0-2-4,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.54	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.59	Vert(LL) 0.08 O >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.58	Vert(CT) -0.14 O-P >999 180		
BCDL 10.0	Rep Stress Incr NO	Matrix-MSH	Horz(CT) 0.02 J n/a n/a		
	Code IRC2015/TP12014			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-1.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) J=1795/Mechanical, B=1852/0-3-8 (min. 0-1-8)
Max Horz B=134(LC 5)
Max Uplift J=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-**
- 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.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 503 lb uplift at joint J and 400 lb uplift at joint B.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - 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.
 - Fill all nail holes where hanger is in contact with lumber.
 - *"NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidelines.

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

Job 20083763	Truss A26	Truss Type Half Hip Girder	Qty 1	Ply 2	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	-------------------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:48 2020 Page 2
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-p1AVQtEoelaaQKfKW5XKGxiegZJp?biE3aFlafyiXQP

LOAD CASE(S) Standard

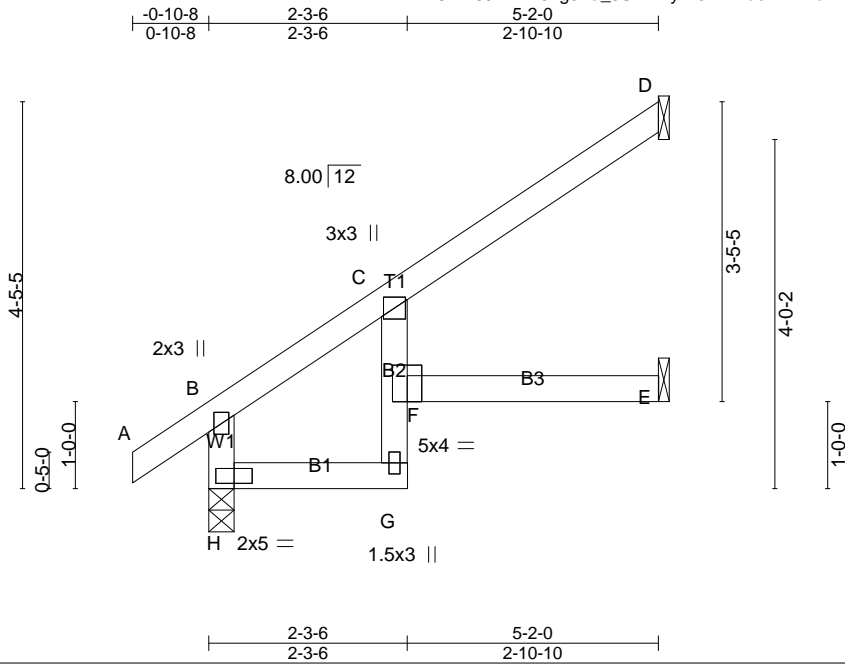
Concentrated Loads (lb)

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 20083763	Truss A27	Truss Type Jack-Open	Qty 2	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	-------------------------	----------	----------	-----------------------------

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

ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-HDKueDFRPbiR1Tpw4o2Zp9Fs4yjSkB3OIE?r75yiXQO
8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:49 2020 Page 1



Scale = 1:26.5

LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.31 BC 0.30 WB 0.00 Matrix-MR	DEFL. in (loc) l/defl L/d Vert(LL) 0.06 E-F >944 240 Vert(CT) -0.08 E-F >778 180 Horz(CT) 0.04 E n/a n/a	PLATES GRIP MT20 244/190 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 (min. 0-1-8)
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

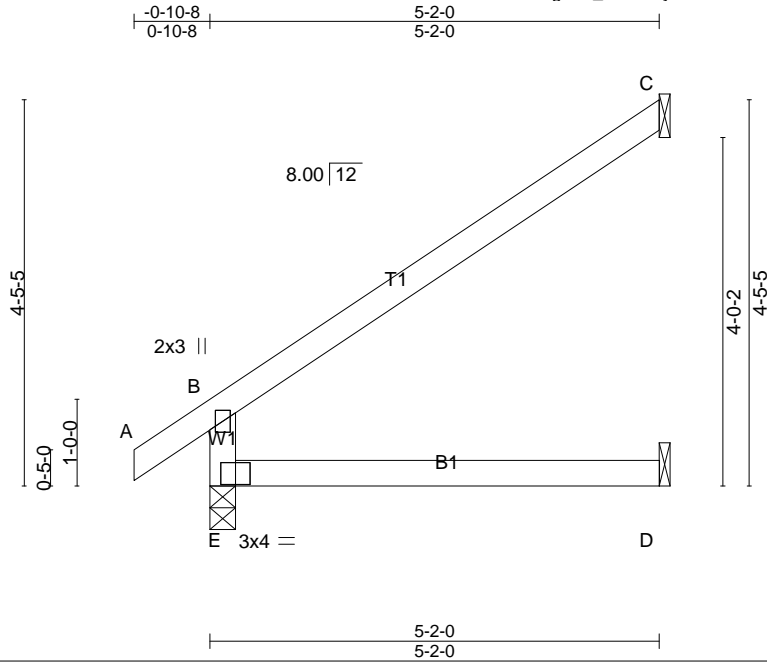
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for 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 20083763	Truss A28	Truss Type Jack-Open	Qty 9	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	-------------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:49 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-HDKueDFRPbiR1Tpw4o2Zp9FqUyjjkB3OIE?r75yiXQO



Scale = 1:26.5

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

REACTIONS. (lb/size) C=136/Mechanical, D=56/Mechanical, E=266/0-3-8 (min. 0-1-8)
 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; TCCL=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.

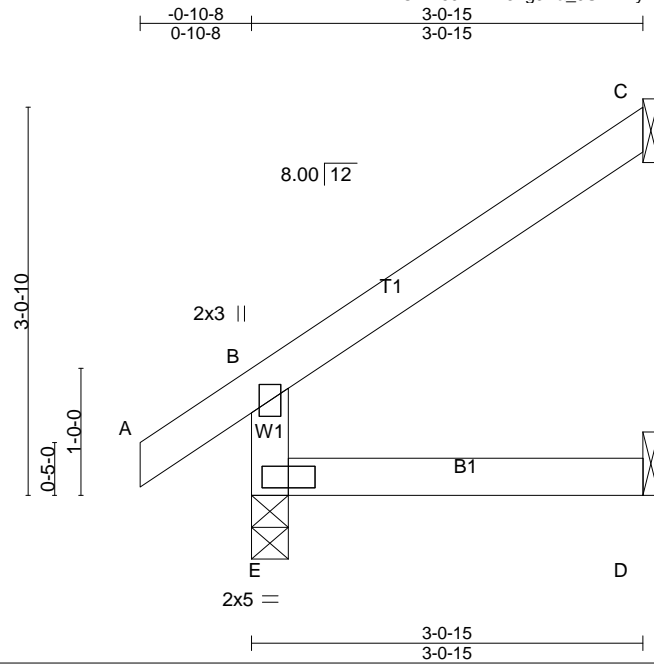
LOAD CASE(S) Standard

Job 20083763	Truss A29	Truss Type Jack-Open	Qty 2	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	-------------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:50 2020 Page 1

ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-IQIGrYG3AvqlIdO6eWZoLMn2iM6cTelXXukPFXiXQN



Scale = 1:18.1

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 0.19	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-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-0-15 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) C=73/Mechanical, D=30/Mechanical, E=187/0-3-8 (min. 0-1-8)
 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; TCCL=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.

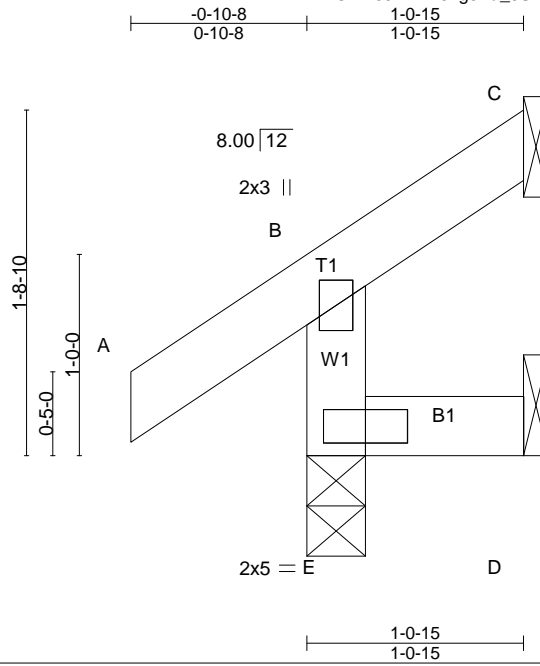
LOAD CASE(S) Standard

Job 20083763	Truss A30	Truss Type Jack-Open	Qty 2	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	-------------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:50 2020 Page 1

ID:OHw69XFTR3Lg3Pa_9SX4fPYlf4J-IQIGrYG3AvqlfdO6eWZolMn4tM7oTelXXukPXiXQN



Scale = 1:11.5

LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.12 BC 0.04 WB 0.00 Matrix-MR	DEFL. in (loc) l/defl L/d Vert(LL) -0.00 E >999 240 Vert(CT) -0.00 E >999 180 Horz(CT) -0.00 C n/a n/a	PLATES GRIP MT20 244/190 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 (min. 0-1-8)
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

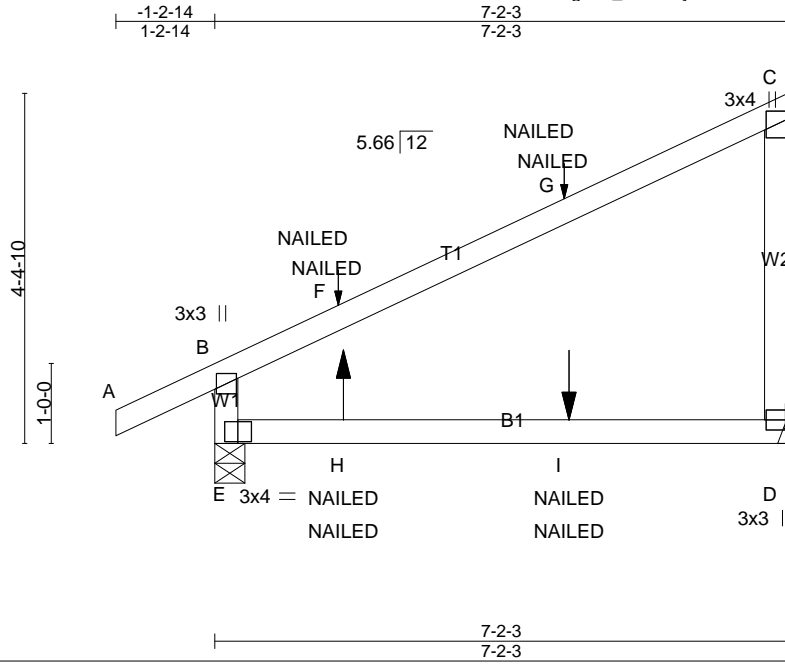
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for 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 20083763	Truss A31	Truss Type Diagonal Hip Girder	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	-----------------------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:51 2020 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-Dcse3uHhxDy9HnzJBD51uZK5zrnMpC5yhYUyB_yiXQM



Scale = 1:28.9

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.74	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.50	Vert(LL) -0.09 D-E >967 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Vert(CT) -0.18 D-E >461 180		
BCDL 10.0	Rep Stress Incr NO	Matrix-MR	Horz(CT) -0.00 D n/a n/a		
	Code IRC2015/TPI2014			Weight: 31 lb	FT = 20%

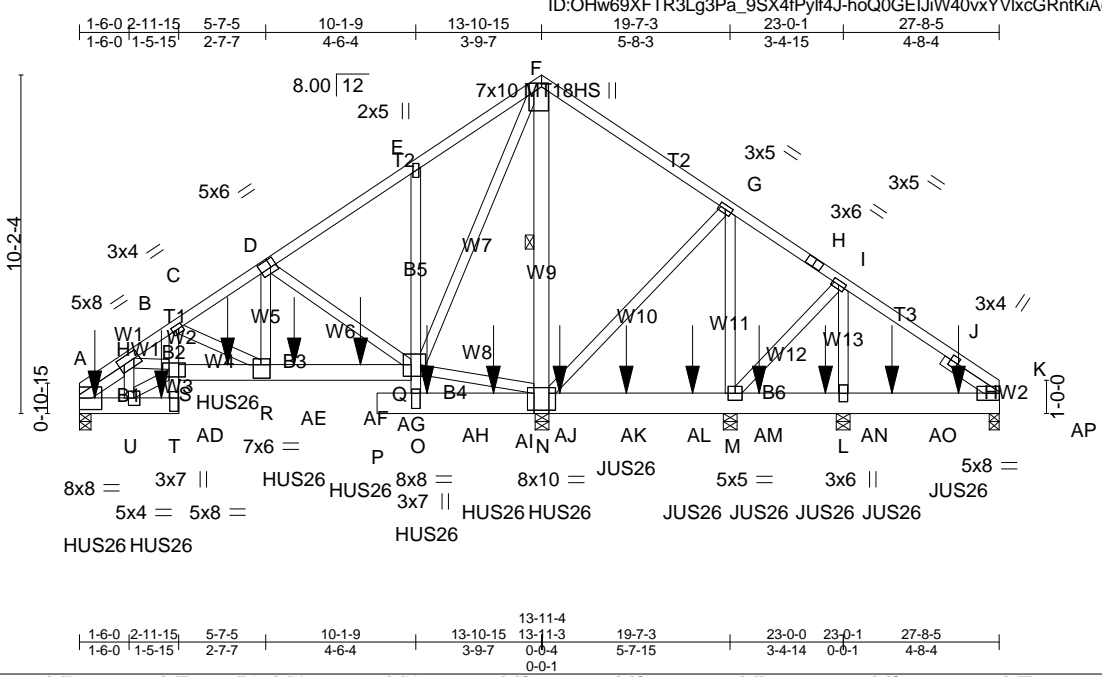
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) E=363/0-4-9 (min. 0-1-8), D=269/Mechanical
Max Horz E=170(LC 7)
Max Uplift E=90(LC 8), D=97(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-E=-314/131, A-B=0/35, B-F=-143/32, F-G=-85/46, C-G=-95/33, C-D=-182/119
BOT CHORD E-H=-62/49, H-I=-62/49, D-I=-62/49

- NOTES-**
- 1) Wind: ASCE 7-10; V_{ult}=130mph (3-second gust) V_{asd}=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) 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 90 lb uplift at joint E and 97 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.
 - 7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidelines.
 - 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-C=-60, D-E=-20
Concentrated Loads (lb)
Vert: H=7(F=4, B=4) I=-5(F=-3, B=-3)



Scale = 1:69.4

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

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-10-2 oc purlins.
BOT CHORD 2x8 SP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
WEBS 2x4 SP No.3 *Except*	10-0-0 oc bracing: O-Q
SLIDER Left 2x4 SP No.3 - \$ 1-8-3, Right 2x4 SP No.3 - \$ 1-11-12	WEBS 1 Row at midpt F-N

REACTIONS. (lb/size) A=4150/0-4-4 (min. 0-2-7), M=1774/0-4-15 (min. 0-1-8), L=1047/0-4-15 (min. 0-1-8), K=400/0-3-9 (min. 0-1-8), N=10316/0-4-15 (min. 0-2-2)
 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-**
- 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.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 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.
 - 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.
 - 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.
 - 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 14-5-10 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) to back face of bottom chord.
 - Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 16-5-10 from the left end to 26-5-10 to connect truss(es) 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.
 - Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

Job 20083763	Truss B1	Truss Type Roof Special Girder	Qty 1	Ply 2	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	-----------------------------------	----------	----------	-----------------------------

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

Job Reference (optional)

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:53 2020 Page 2
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-A?_OTalxSqCsW57hJe7Vz_PVSazHgogzDsz3GsyiXQK

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

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)

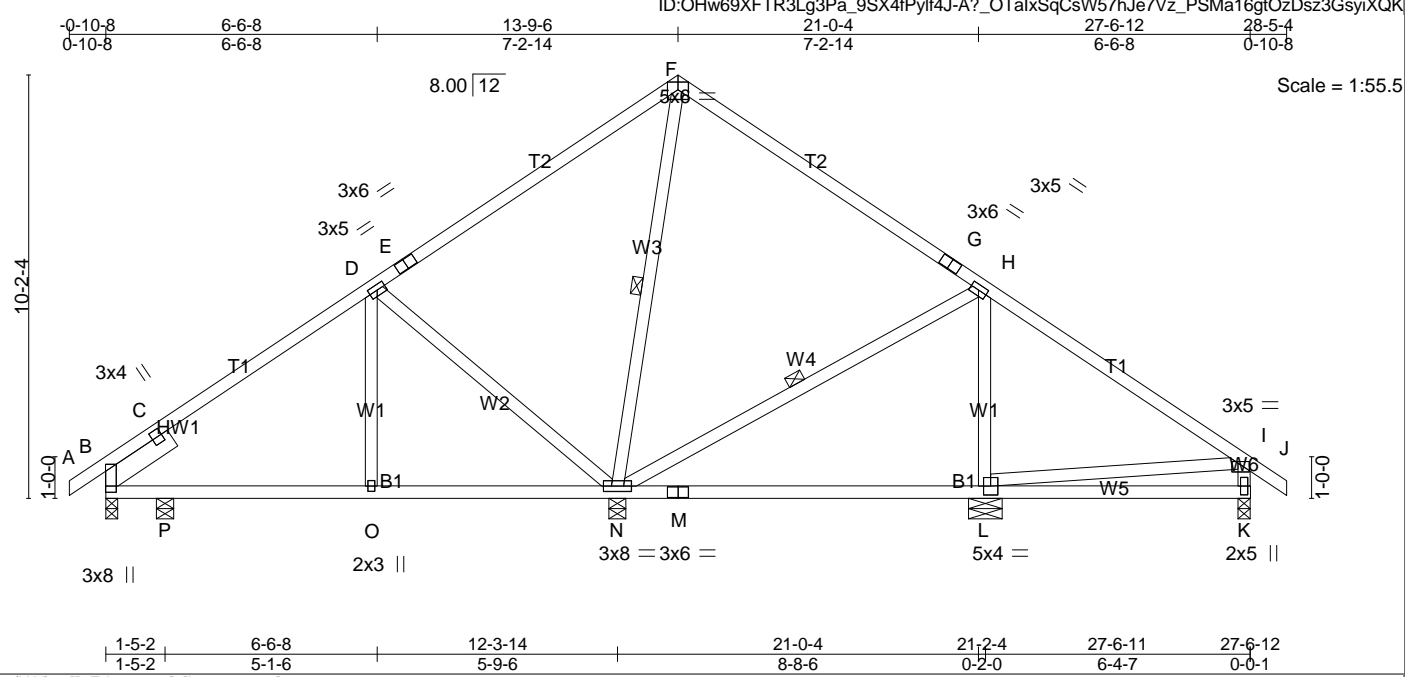


Plate Offsets (X,Y)-- [B:Edge,0-0-0], [I:0-3-4,0-0-8]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.68	Vert(LL) -0.11 L-N >962 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.51	Vert(CT) -0.22 L-N >483 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.55	Horz(CT) 0.01 K n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-MSH			
				Weight: 162 lb	FT = 20%

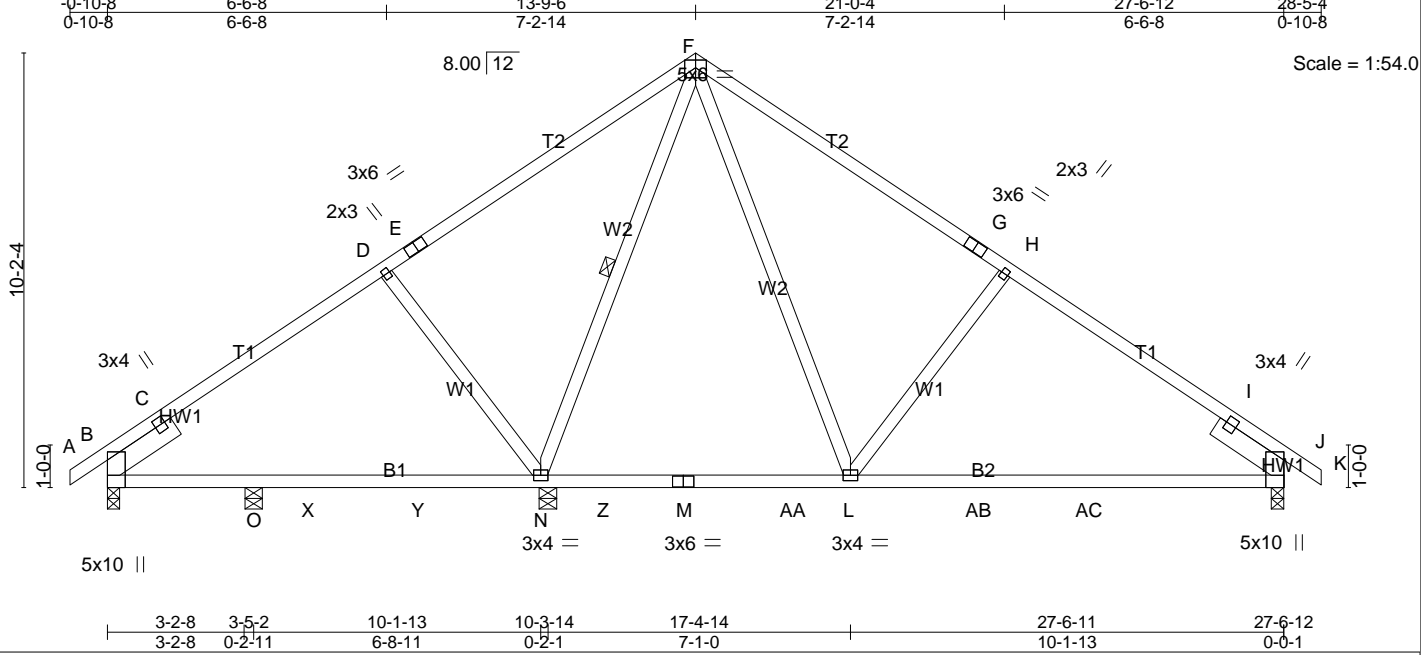
LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3 SLIDER Left 2x6 SP No.2 - \$ 1-11-12	BRACING- TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt F-N, H-N
--	--

REACTIONS. (lb/size) B=395/0-3-8 (min. 0-1-8), N=949/0-4-15 (min. 0-1-8), L=531/0-9-11 (min. 0-1-8), K=316/0-3-8 (min. 0-1-8), P=116/0-4-15 (min. 0-1-8)
 Max Horz B=262(LC 9)
 Max Uplift B=61(LC 11), N=74(LC 10), L=88(LC 11), K=71(LC 11), P=56(LC 10)
 Max Grav B=395(LC 1), N=949(LC 1), L=548(LC 22), K=318(LC 22), P=172(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-168/187, C-D=-282/154, D-E=90/140, E-F=-46/237, F-G=-95/178, G-H=-153/134, H-I=-193/97, I-J=0/34, I-K=-271/138
 BOT CHORD B-P=-151/397, O-P=-151/397, N-O=-151/397, M-N=-22/95, L-M=-22/95, K-L=-77/186
 WEBS D-O=0/191, D-N=-495/234, F-N=-457/0, H-N=-170/154, H-L=-373/173, I-L=-172/125

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=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 61 lb uplift at joint B, 74 lb uplift at joint N, 88 lb uplift at joint L, 71 lb uplift at joint K and 56 lb uplift at joint P.
 - 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



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 0.66	Vert(LL) -0.18 L-V >999 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.72	Vert(CT) -0.36 L-V >578 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.39	Horz(CT) -0.02 J n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-MSH			
				Weight: 151 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 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt F-N
--	---

REACTIONS. (lb/size) B=379/0-3-8 (min. 0-1-8), N=1045/0-4-15 (min. 0-1-8), J=754/0-3-8 (min. 0-1-8), O=133/0-4-15 (min. 0-1-8)
 Max Horz B=242(LC 8)
 Max Uplift B=105(LC 10), N=92(LC 10), J=127(LC 11)
 Max Grav B=408(LC 21), N=1112(LC 17), J=793(LC 18), O=230(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=81/171, C-D=284/178, D-E=-258/170, E-F=-214/214, F-G=-603/259, G-H=-660/215, H-I=-698/222, I-J=-625/0, J-K=0/29
 BOT CHORD B-O=-154/334, O-X=-154/334, X-Y=-154/334, N-Y=-154/334, N-Z=-8/297, M-Z=-8/297, M-AA=-8/297, L-AA=-8/297, L-AB=-56/623, AB-AC=-56/623, J-AC=-56/623
 WEBS F-L=-120/664, H-L=-408/271, F-N=-688/30, D-N=-406/282

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 105 lb uplift at joint B, 92 lb uplift at joint N and 127 lb uplift at joint J.
 - 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

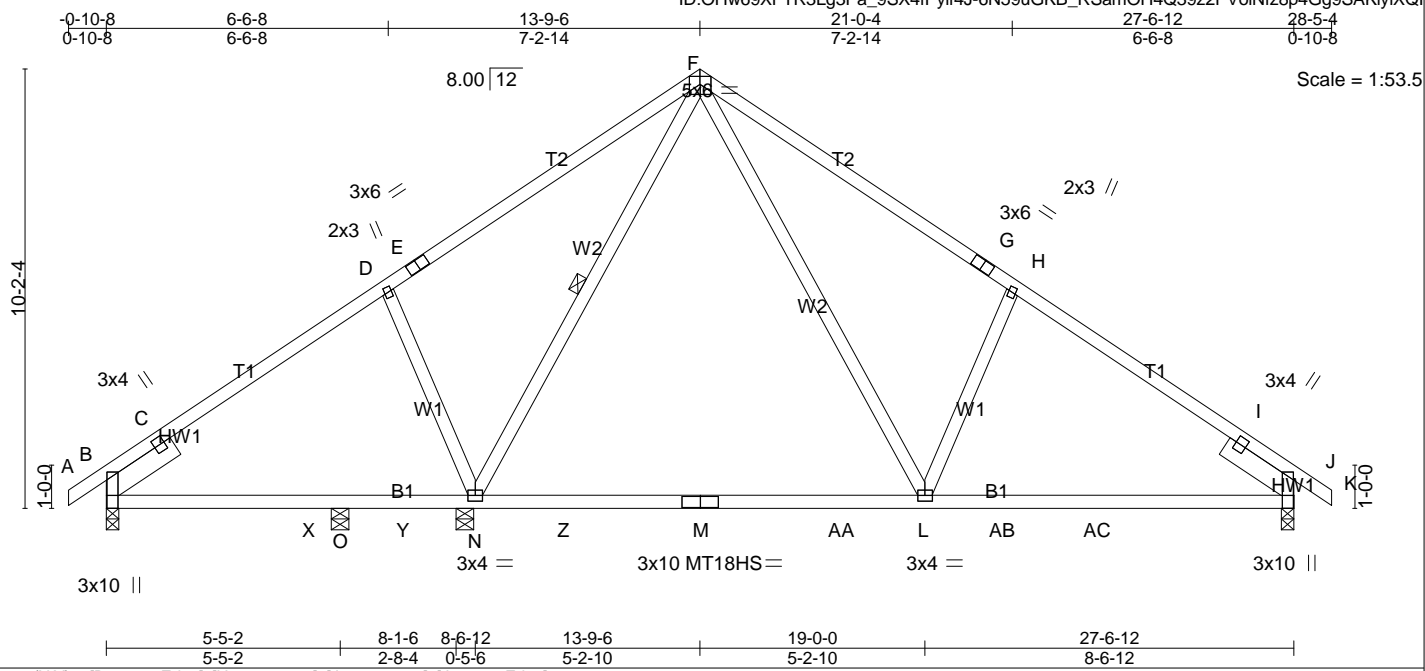


Plate Offsets (X,Y)-- [B:0-7-13,Edge], [H:0-0-0,0-0-0], [J:0-0-0,0-0-0], [L:0-7-13,Edge]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.69	Vert(LL) -0.37 L-N >613 240	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.75	Vert(CT) -0.58 L-N >393 180	MT18HS	244/190
BCLL 0.0 *	Rep Stress Incr YES	WB 0.41	Horz(CT) 0.03 J n/a n/a		
BCDL 10.0	Code IRC2015/TP12014	Matrix-MSH			Weight: 151 lb FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.1
 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 4-10-1 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt F-N

REACTIONS. (lb/size) B=407/0-3-8 (min. 0-1-8), J=826/0-3-8 (min. 0-1-8), N=1026/0-4-15 (min. 0-1-8), O=51/0-4-15 (min. 0-1-8)
 Max Horz B=-242(LC 8)
 Max Uplift B=-100(LC 10), J=-132(LC 11), N=-41(LC 10), O=-7(LC 10)
 Max Grav B=426(LC 21), J=858(LC 18), N=1191(LC 17), O=73(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-169/30, C-D=-263/174, D-E=-334/228, E-F=-290/272, F-G=-810/328, G-H=-908/284, H-I=-935/231, I-J=-262/0, J-K=0/29
 BOT CHORD B-X=-165/312, O-X=-165/312, O-Y=-165/312, N-Y=-165/312, N-Z=-13/383, M-Z=-13/383, M-AA=-13/383, L-AA=-13/383, L-AB=-65/736, AB-AC=-65/736, J-AC=-65/736
 WEBS F-N=-657/21, D-N=-426/284, F-L=-166/786, H-L=-382/282

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=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) All plates are MT20 plates unless otherwise indicated.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint B, 132 lb uplift at joint J, 41 lb uplift at joint N and 7 lb uplift at joint O.
 - 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 20083763	Truss B5	Truss Type GABLE	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	---------------------	----------	----------	-----------------------------

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC 276-12 28-5-4 0-10-8
 8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:56 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-aafX6clqLaRNYsG_mgCbd145nEtLGGvPbjtBYiXQH

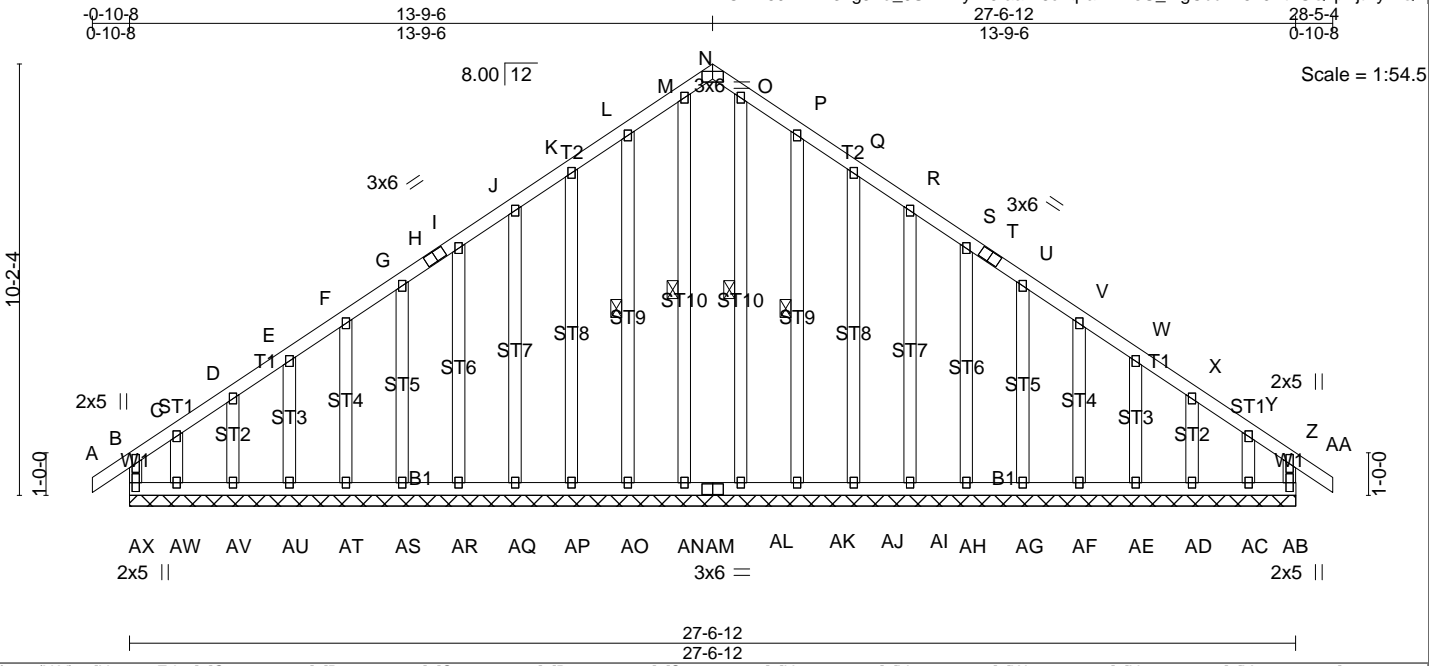


Plate Offsets (X,Y)-- [N:0-0-0,Edge], [O:0-0-0,0-0-0], [P:0-0-0,0-0-0], [Q:0-0-0,0-0-0], [R:0-0-0,0-0-0], [S:0-0-0,0-0-0], [U:0-0-0,0-0-0], [V:0-0-0,0-0-0], [W:0-0-0,0-0-0], [X:0-0-0,0-0-0], [Y:0-0-0,0-0-0]

LOADING (psf)	SPACING-	CSI.	DEFLL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.20	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.10	Vert(LL) -0.00 AA n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.10	Vert(CT) -0.00 AA n/r 90		
BCDL 10.0	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.01 AB n/a n/a		
	Code IRC2015/TP12014				Weight: 250 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt M-AN, L-AO, O-AL, P-AK
OTHERS 2x4 SP No.3	

REACTIONS. (lb/size) AX=126/27-6-12 (min. 0-3-10), AB=126/27-6-12 (min. 0-3-10), AN=107/27-6-12 (min. 0-3-10), AO=106/27-6-12 (min. 0-3-10), AP=107/27-6-12 (min. 0-3-10), AQ=107/27-6-12 (min. 0-3-10), AR=107/27-6-12 (min. 0-3-10), AS=107/27-6-12 (min. 0-3-10), AT=107/27-6-12 (min. 0-3-10), AU=105/27-6-12 (min. 0-3-10), AV=114/27-6-12 (min. 0-3-10), AW=59/27-6-12 (min. 0-3-10), AL=107/27-6-12 (min. 0-3-10), AK=106/27-6-12 (min. 0-3-10), AJ=107/27-6-12 (min. 0-3-10), AI=107/27-6-12 (min. 0-3-10), AH=107/27-6-12 (min. 0-3-10), AG=107/27-6-12 (min. 0-3-10), AF=107/27-6-12 (min. 0-3-10), AE=105/27-6-12 (min. 0-3-10), AD=114/27-6-12 (min. 0-3-10), AC=59/27-6-12 (min. 0-3-10)

Max Horz AX=270(LC 9)
 Max Uplift AX=-173(LC 6), AB=-106(LC 7), AO=-60(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=-18(LC 10), AW=-203(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=-178(LC 11)

Max Grav AX=252(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=220(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

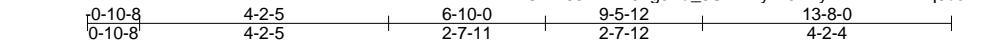
TOP CHORD B-AX=-189/124, A-B=0/34, B-C=-223/198, C-D=-155/149, D-E=-141/138, E-F=-129/131, F-G=-117/128, G-H=-106/146, H-I=-92/151, I-J=-127/174, J-K=-159/203, K-L=-193/244, L-M=-235/295, M-N=-180/219, N-O=-180/219, O-P=-235/295, P-Q=-193/244, Q-R=-159/203, R-S=-127/165, S-T=-86/126, T-U=-95/121, U-V=-66/101, V-W=-77/81, W-X=-89/86, X-Y=-109/99, Y-Z=-181/134, Z-AA=0/34, Z-AB=-151/76

BOT CHORD AW-AX=-119/144, AV-AW=-119/144, AU-AV=-119/144, AT-AU=-119/144, AS-AT=-119/144, AR-AS=-119/144, AQ-AR=-119/144, AP-AQ=-119/144, AO-AP=-119/144, AN-AO=-119/144, AM-AN=-119/144, AL-AM=-119/144, AK-AL=-119/144, AJ-AK=-119/144, AI-AJ=-119/144, AH-AI=-119/144, AG-AH=-119/144, AF-AG=-119/144, AE-AF=-119/144, AD-AE=-119/144, AC-AD=-119/144, AB-AC=-119/144

WEBS M-AN=-146/73, L-AO=-102/76, 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=-85/52, C-AW=-122/129, O-AL=-146/72, 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=-122/117

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=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 173 lb uplift at joint AX, 106 lb uplift at joint AB, 60 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, 18 lb uplift at joint AV, 203 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 178 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/TP1.

LOAD CASE(S) Standard



5x6 = Scale = 1:38.8

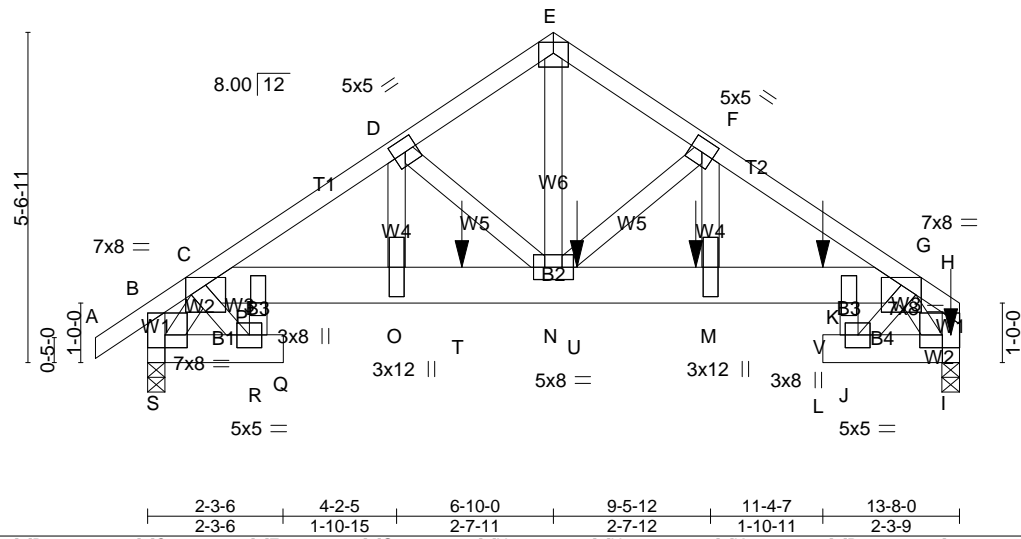


Plate Offsets (X,Y)-- [B:0-4-8,0-2-8], [B:0-1-12,0-1-3], [C:0-4-0,0-1-9], [F:0-0-0,0-0-0], [G:0-4-0,0-1-9], [H:0-4-8,0-2-8], [H:0-1-12,0-1-3], [K:0-5-8,0-1-8], [P:0-5-8,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.25	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.64	Vert(LL) -0.04 N >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.57	Vert(CT) -0.08 N >999 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MSH	Horz(CT) 0.08 I n/a n/a		
	Code IRC2015/TPI2014			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 (min. 0-1-8), I=4420/0-3-8 (min. 0-2-5)
Max Horz S=146(LC 7)
Max Uplift S=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-**
- 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.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 332 lb uplift at joint S.
 - 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.
 - 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 and 1135 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.

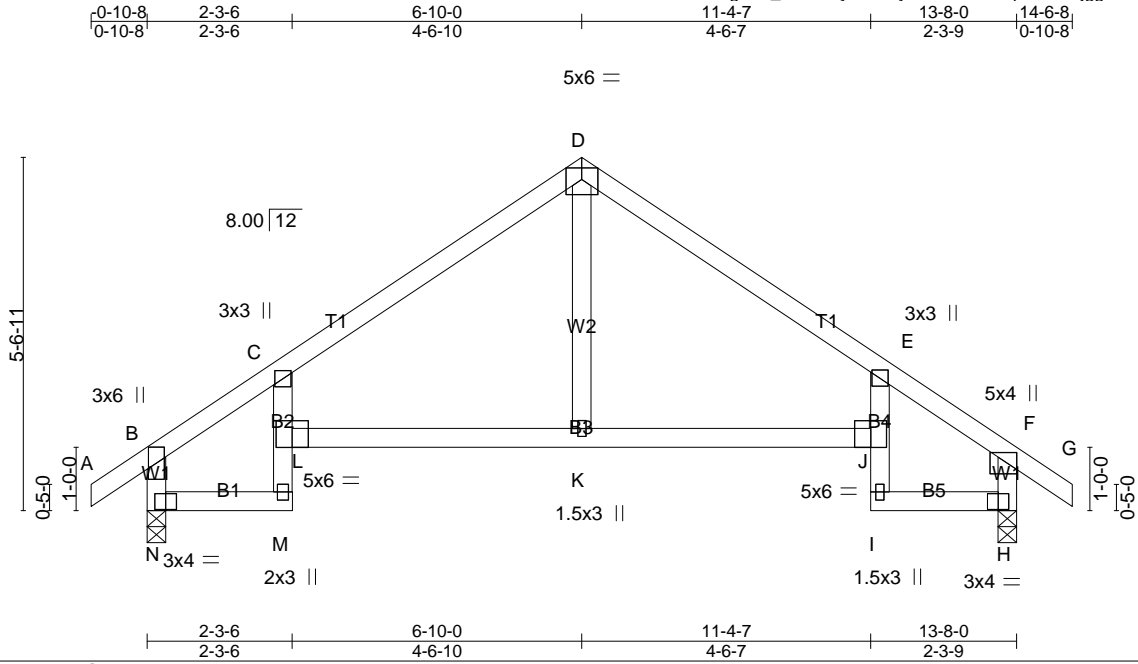
LOAD CASE(S) Standard

- 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 20083763	Truss C2	Truss Type Roof Special	Qty 3	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	----------------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:43:58 2020 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-WynHXHM4HMq9ds?16Bjgg26KxbiuLFNiM7gqx4yiXQF



Scale = 1:36.2

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

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.62	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.67	Vert(LL) 0.15 K-L >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.12	Vert(CT) -0.21 J-K >761 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MR	Horz(CT) 0.21 H n/a n/a		
	Code IRC2015/TPI2014			Weight: 61 lb	FT = 20%

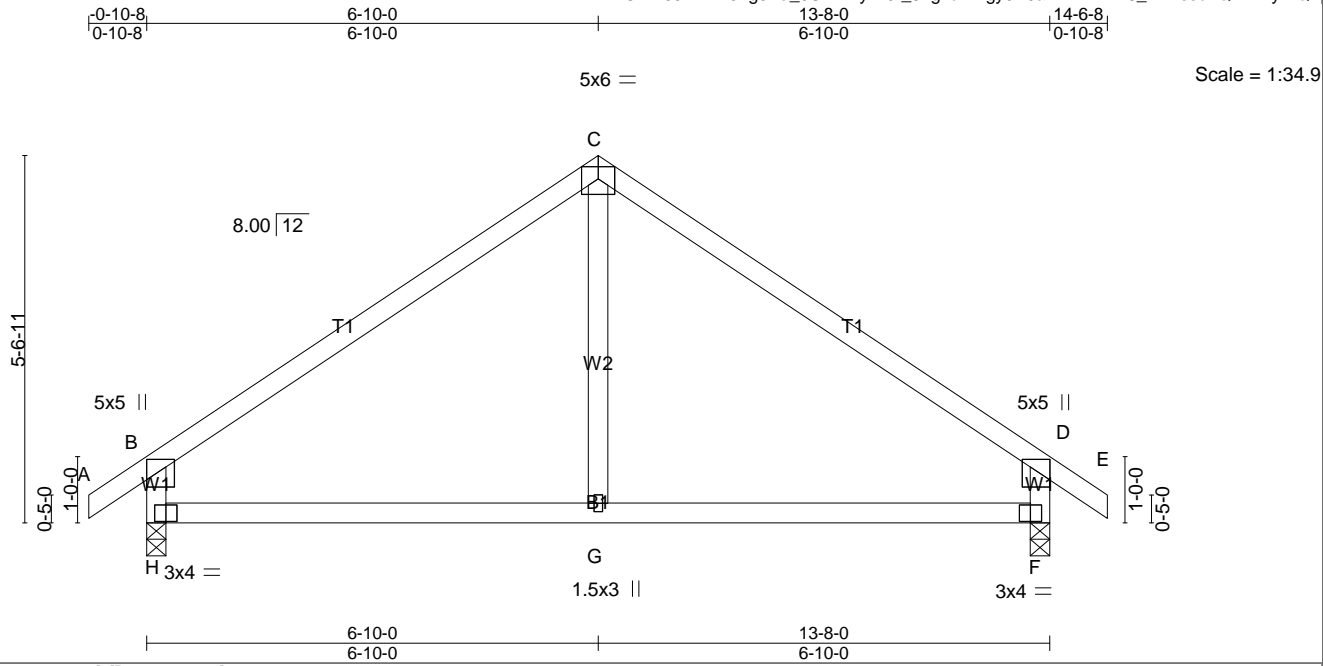
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 5-8-14 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) N=596/0-3-8 (min. 0-1-8), H=596/0-3-8 (min. 0-1-8)
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=-541/116, C-D=-633/130, D-E=-633/130, E-F=-542/116, F-G=0/34, B-N=-544/139, F-H=-544/140
BOT CHORD M-N=-68/385, L-M=-24/27, C-L=-41/75, K-L=0/519, J-K=0/519, I-J=-12/22, E-J=-41/75, H-I=-11/330
WEBS D-K=0/322

- 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



Scale = 1:34.9

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

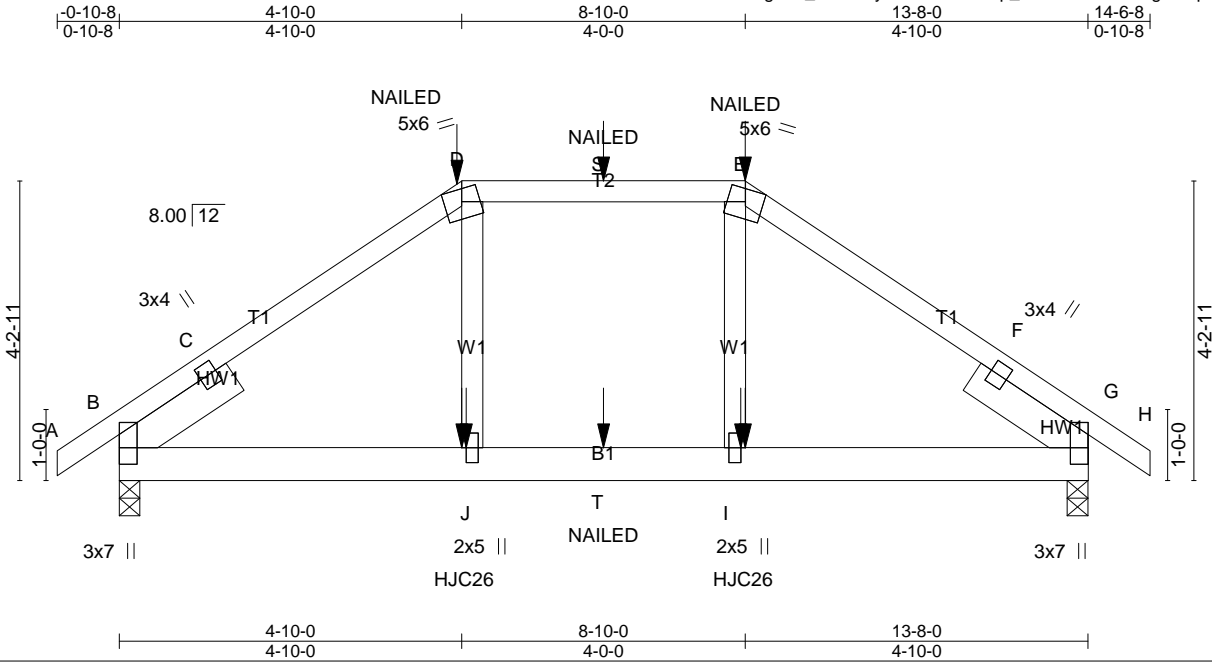
BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) H=596/0-3-8 (min. 0-1-8), F=596/0-3-8 (min. 0-1-8)
 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



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.22	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.24	Vert(LL) -0.02 J >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.07	Vert(CT) -0.03 I-J >999 180		
BCDL 10.0	Rep Stress Incr NO	Matrix-MSH	Horz(CT) 0.01 G n/a n/a		
	Code IRC2015/TPI2014				Weight: 156 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 (min. 0-1-8), G=968/0-3-8 (min. 0-1-8)
 Max Horz B=95(LC 7)
 Max Uplift B=201(LC 8), G=201(LC 9)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/29, B-C=-513/141, C-D=-1154/278, D-S=-912/246, E-S=-912/246, E-F=-1154/278, F-G=513/141, G-H=0/29
 BOT CHORD B-J=-176/901, J-T=-174/912, I-T=-174/912, G-I=-174/901
 WEBS D-J=-17/333, E-I=-17/333

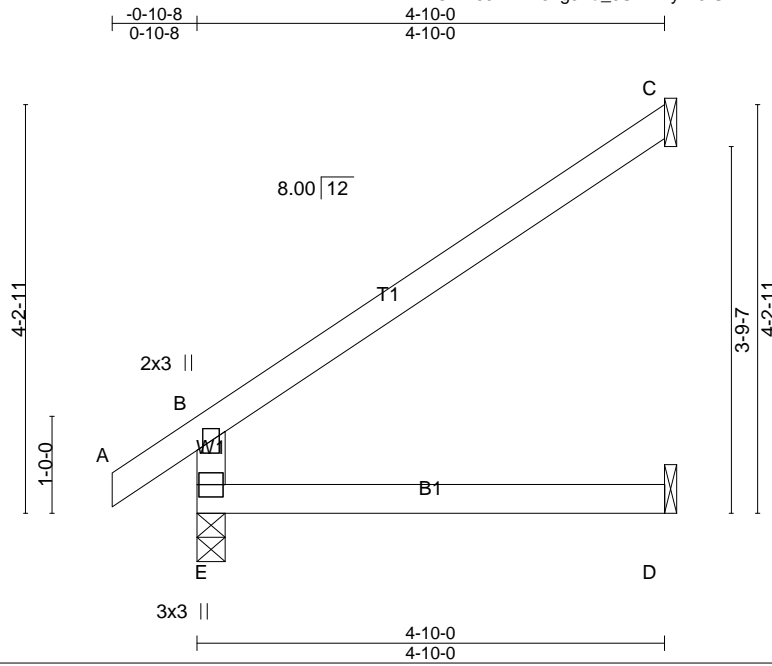
- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - All loads are considered 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 201 lb uplift at joint B and 201 lb uplift at joint G.
 - 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.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - 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.
 - Fill all nail holes where hanger is in contact with lumber.
 - "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidelines.

LOAD CASE(S) Standard

- 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)

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:00 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-SLv2xzOKp_4tsA91Dcl8ITCkQOVrpAn?qR9x0yyiXQD



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) 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-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-10-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) E=253/0-3-8 (min. 0-1-8), 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

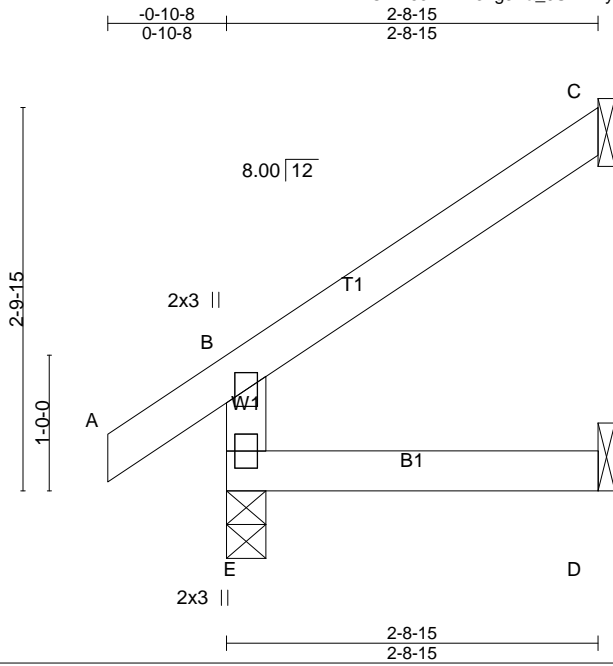
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for 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 20083763	Truss C6	Truss Type Jack-Open	Qty 4	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	-------------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:00 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-SLv2xzOKp_4tsA91Dcl8TCnZOXEpAn?qR9x0yyiXQD



Scale = 1:17.0

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 0.17	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-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-8-15 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) E=175/0-3-8 (min. 0-1-8), 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

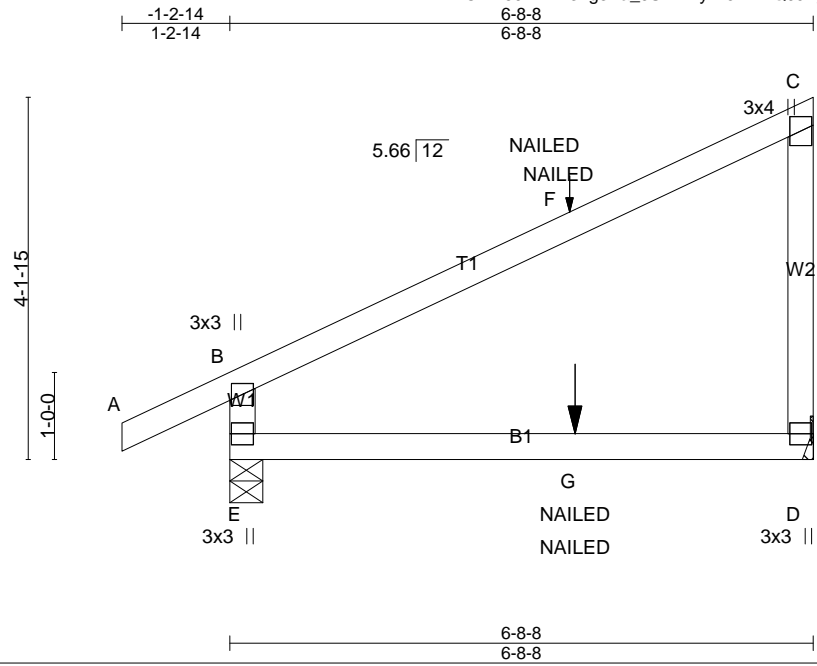
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for 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 20083763	Truss C7	Truss Type Diagonal Hip Girder	Qty 2	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	-----------------------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:01 2020 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-xTQ9JPyaHckUJkEnKGNlgrAonHyd1935vUYOyiXQC



Scale = 1:26.5

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.62	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.43	Vert(LL) -0.06 D-E >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Vert(CT) -0.13 D-E >572 180		
BCDL 10.0	Rep Stress Incr NO	Matrix-MR	Horz(CT) -0.00 D n/a n/a		
	Code IRC2015/TPI2014			Weight: 29 lb	FT = 20%

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

REACTIONS. (lb/size) E=350/0-4-9 (min. 0-1-8), D=250/Mechanical
Max Horz E=161(LC 5)
Max Uplift E=68(LC 8), D=79(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-E=-299/120, A-B=0/35, B-F=-140/40, C-F=-90/32, C-D=-169/104
BOT CHORD E-G=-55/45, D-G=-55/45

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=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 E and 79 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.
 - 6) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidelines.
 - 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-C=-60, D-E=-20

Concentrated Loads (lb)
Vert: G=-3(F=-2, B=-2)

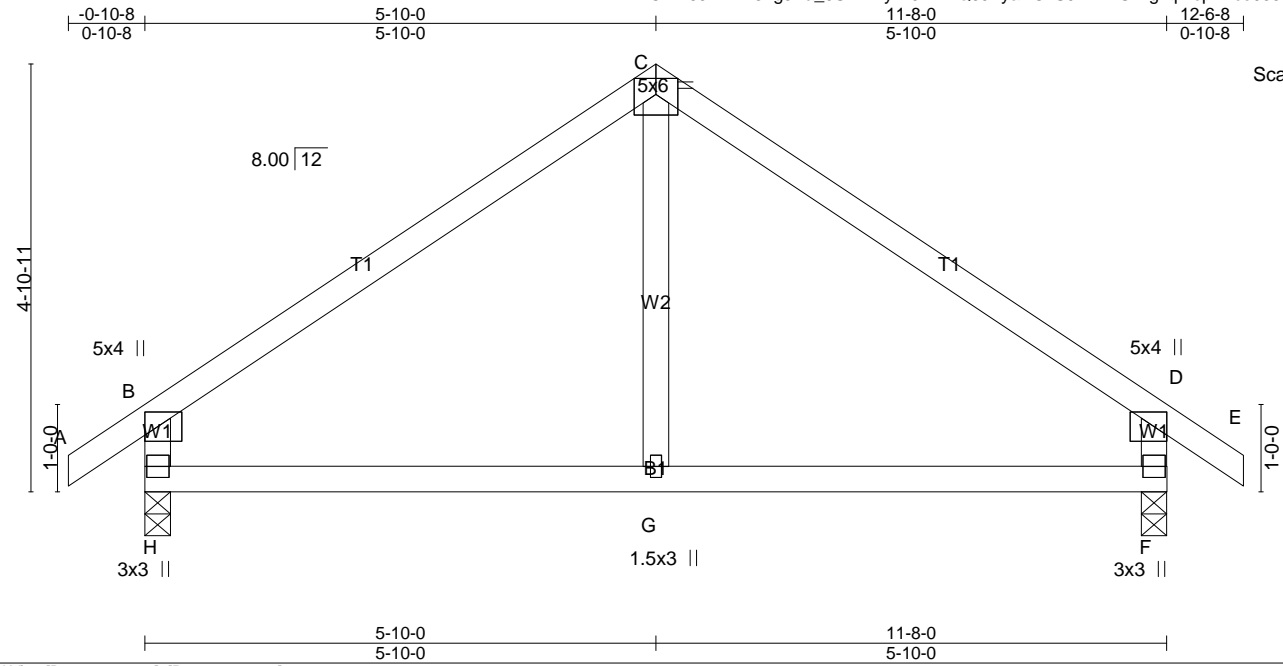


Plate Offsets (X,Y)-- [B:0-2-0,0-1-12], [D:0-2-0,0-1-12]

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 (min. 0-1-8), F=516/0-3-8 (min. 0-1-8)
 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) 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.
 - 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

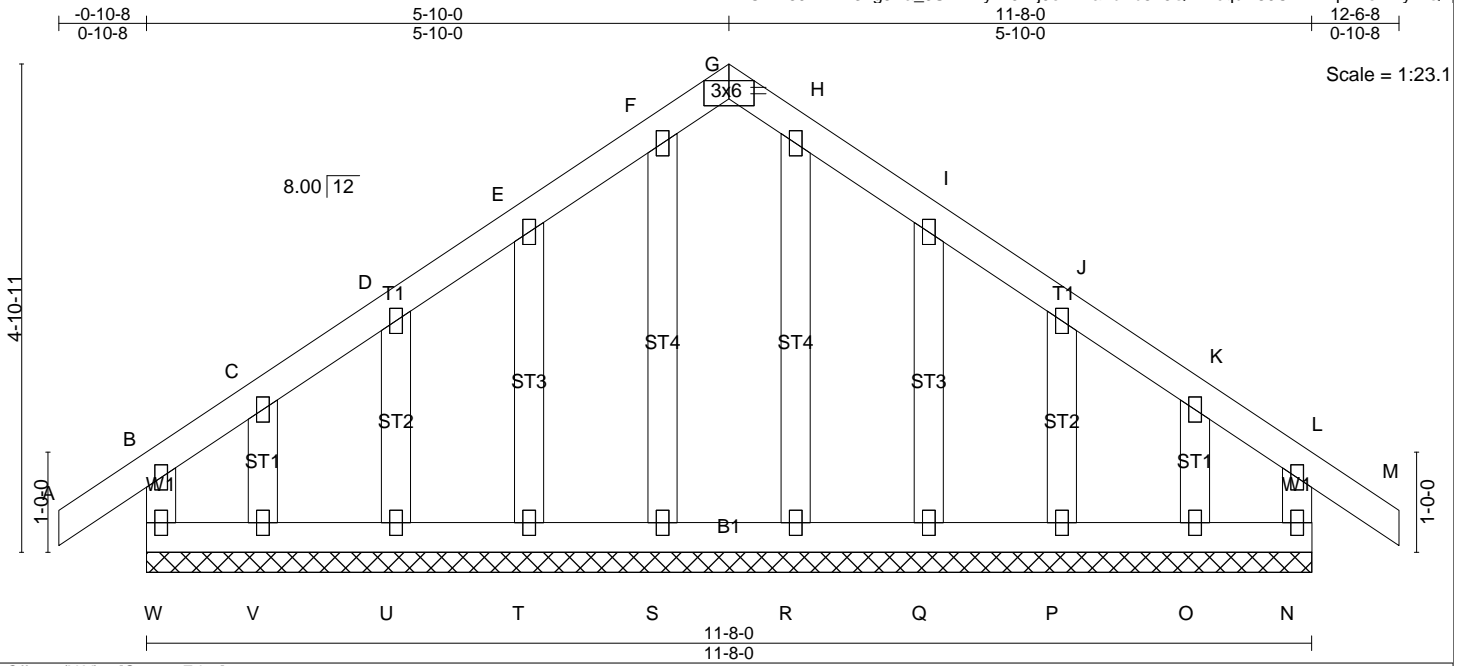


Plate Offsets (X,Y)-- [G:0-3-0,Edge]

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 0.10	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/TP12014	Matrix-R		Weight: 74 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 6-0-0 oc bracing.

REACTIONS. (lb/size) W=119/11-8-0 (min. 0-1-10), N=119/11-8-0 (min. 0-1-10), S=112/11-8-0 (min. 0-1-10), T=104/11-8-0 (min. 0-1-10), U=113/11-8-0 (min. 0-1-10), V=69/11-8-0 (min. 0-1-10), R=112/11-8-0 (min. 0-1-10), Q=104/11-8-0 (min. 0-1-10), P=113/11-8-0 (min. 0-1-10), O=69/11-8-0 (min. 0-1-10)
 Max Horz W=139(LC 9)
 Max Uplift W=67(LC 6), N=48(LC 7), T=59(LC 10), U=33(LC 10), V=87(LC 10), Q=60(LC 11), P=34(LC 11), O=82(LC 11)
 Max Grav W=147(LC 18), N=132(LC 17), S=116(LC 20), T=115(LC 17), U=113(LC 21), V=130(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=-116/67, A-B=0/34, B-C=-81/77, C-D=-54/59, D-E=-62/89, E-F=-104/141, F-G=-92/116, G-H=-92/116, H-I=-104/141, I-J=-62/89, J-K=-39/52, K-L=-62/59, L-M=0/34, L-N=-110/67
 BOT CHORD V-W=68/74, U-V=-68/74, T-U=-68/74, S-T=-68/74, R-S=-68/74, Q-R=-68/74, P-Q=-68/74, O-P=-68/74, N-O=-68/74
 WEBS F-S=90/0, E-T=-102/78, D-U=-88/58, C-V=-99/72, H-R=-87/0, I-Q=-102/78, J-P=-89/58, K-O=-99/70

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
 - Truss designed for wind loads in the plane of the truss only.
 - All plates are 1.5x3 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint W, 48 lb uplift at joint N, 59 lb uplift at joint T, 33 lb uplift at joint U, 87 lb uplift at joint V, 60 lb uplift at joint Q, 34 lb uplift at joint P and 82 lb uplift at joint O.
 - 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

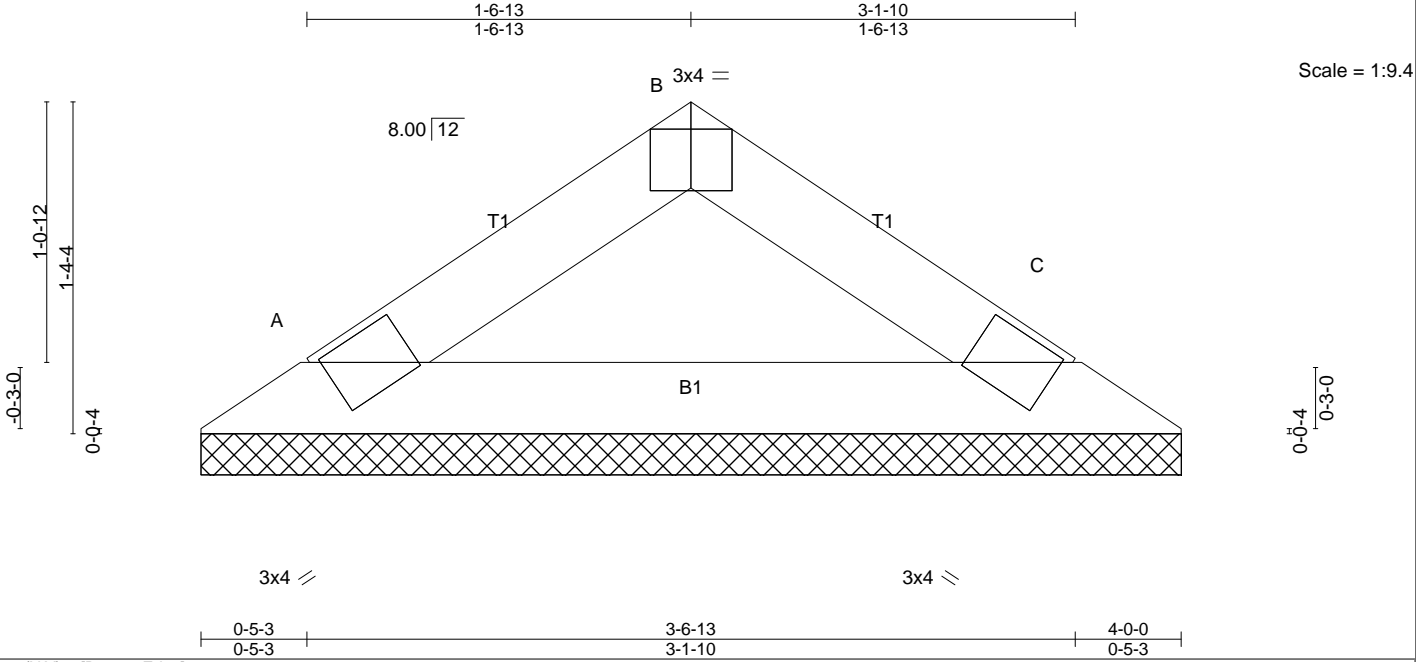


Plate Offsets (X,Y)-- [B:0-2-0,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.04	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.12	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Vert(CT) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.00 C n/a n/a		
	Code IRC2015/TPI2014			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 (min. 0-1-8), C=124/4-0-0 (min. 0-1-8)
 Max Horz A=26(LC 7)
 Max Uplift A=-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

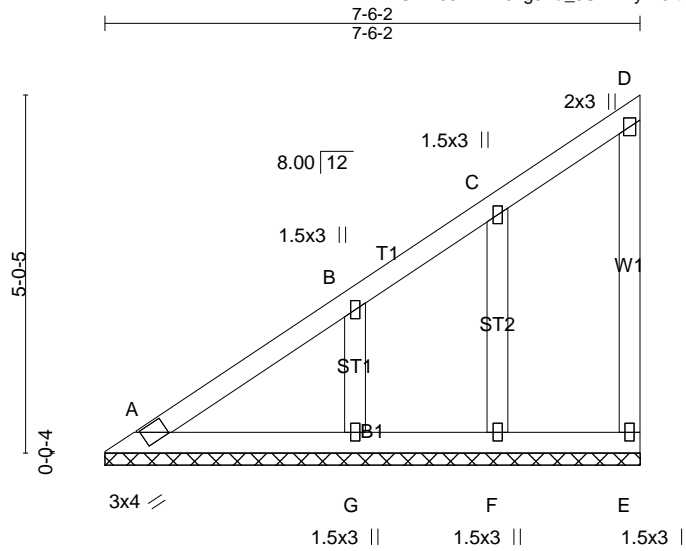
- NOTES-** (7)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; 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 20083763	Truss V1	Truss Type GABLE	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	---------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:03 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-twaAa?QD6vTSjducullrN5qHlcYM0XuSWPObcHyiXQA



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.24	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.07	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.04	Vert(CT) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) -0.00 E n/a n/a		
	Code IRC2015/TPI2014			Weight: 38 lb	FT = 20%

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

REACTIONS. (lb/size) A=101/7-6-2 (min. 0-1-8), E=67/7-6-2 (min. 0-1-8), F=135/7-6-2 (min. 0-1-8), G=250/7-6-2 (min. 0-1-8)
 Max Horz A=174(LC 7)
 Max Uplift A=-4(LC 6), E=-32(LC 7), F=-54(LC 10), G=-99(LC 10)
 Max Grav A=129(LC 18), E=82(LC 17), F=143(LC 17), G=266(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=-147/109, B-C=-114/68, C-D=-84/72, D-E=-59/31
 BOT CHORD A-G=-80/87, F-G=-80/87, E-F=-80/87
 WEBS C-F=-121/67, B-G=-199/136

- 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, 32 lb uplift at joint E, 54 lb uplift at joint F and 99 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.

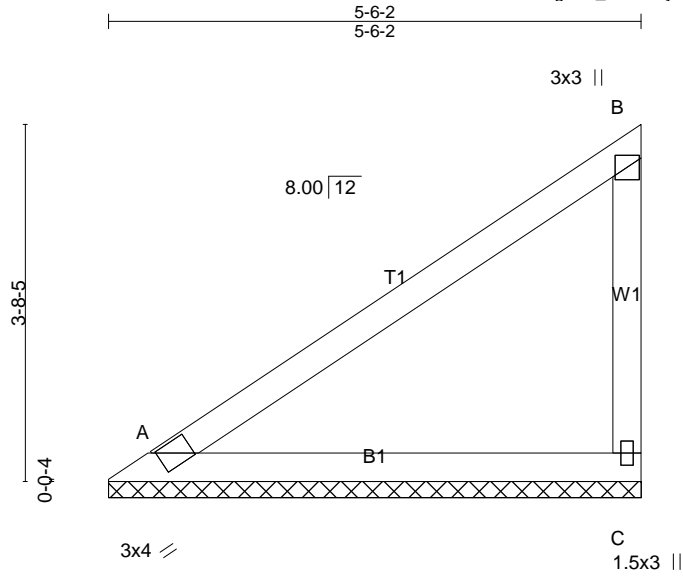
LOAD CASE(S) Standard

Job 20083763	Truss V2	Truss Type Valley	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	----------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:04 2020 Page 1

ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-L68ZnLRtCbJLnTpSSp4wJMQA?s3IzmbI3789jyiXQ9



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 0.32	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-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 5-6-8 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) A=197/5-6-2 (min. 0-1-8), C=197/5-6-2 (min. 0-1-8)
 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

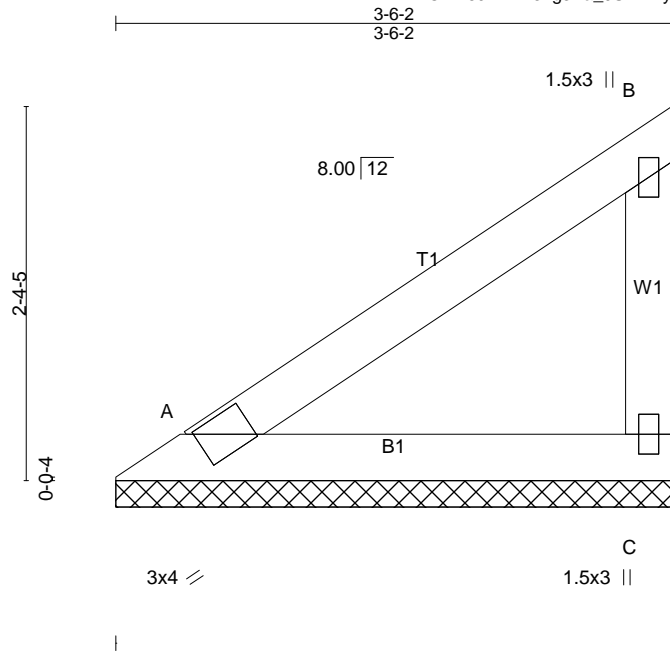
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for 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 20083763	Truss V3	Truss Type Valley	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	----------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:04 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-L68ZnLRnCbjLnTpSSp4wJMTI?uDIzmbI3789jyiXQ9



Scale = 1:14.5

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-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-6-8 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) A=117/3-6-2 (min. 0-1-8), C=117/3-6-2 (min. 0-1-8)
 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

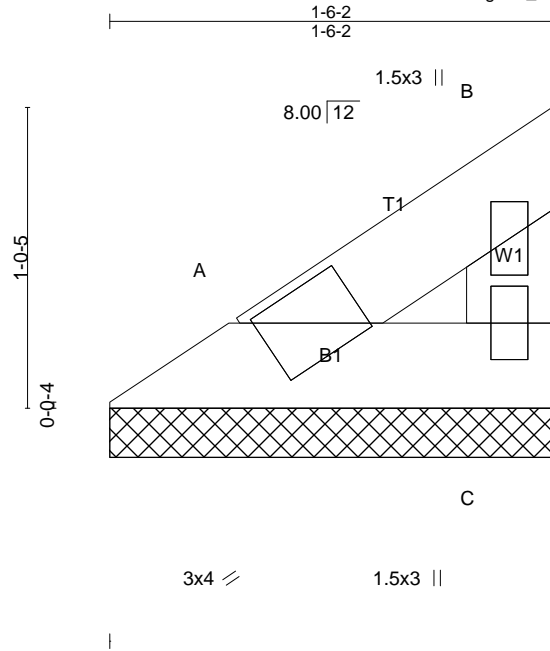
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for 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 20083763	Truss V4	Truss Type Valley	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	----------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:04 2020 Page 1
ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-L68ZnLRtCbJLnTpSSp4wJMV_?vblzmbi3789jyiXQ9



Scale = 1:7.9

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 0.01	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-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 1-6-8 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) A=37/1-6-2 (min. 0-1-8), C=37/1-6-2 (min. 0-1-8)
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

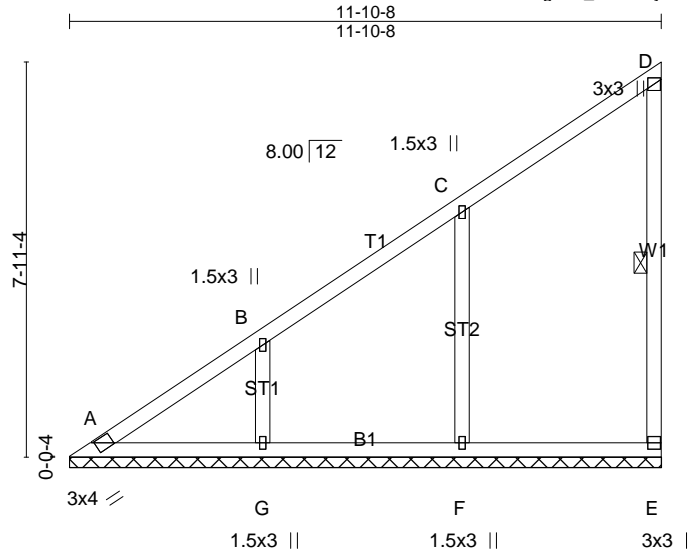
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for 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 20083763	Truss V5	Truss Type Valley	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	----------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:05 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-plex?hSTeVjAyx2?09LJSWvVjPDHUOwkzjthAyiXQ8



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.65	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.17	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.13	Vert(CT) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) -0.00 E n/a n/a		
	Code IRC2015/TPI2014			Weight: 59 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt D-E
OTHERS 2x4 SP No.3	

REACTIONS. (lb/size) A=107/11-10-8 (min. 0-1-8), E=127/11-10-8 (min. 0-1-8), F=343/11-10-8 (min. 0-1-8), G=325/11-10-8 (min. 0-1-8)
 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)

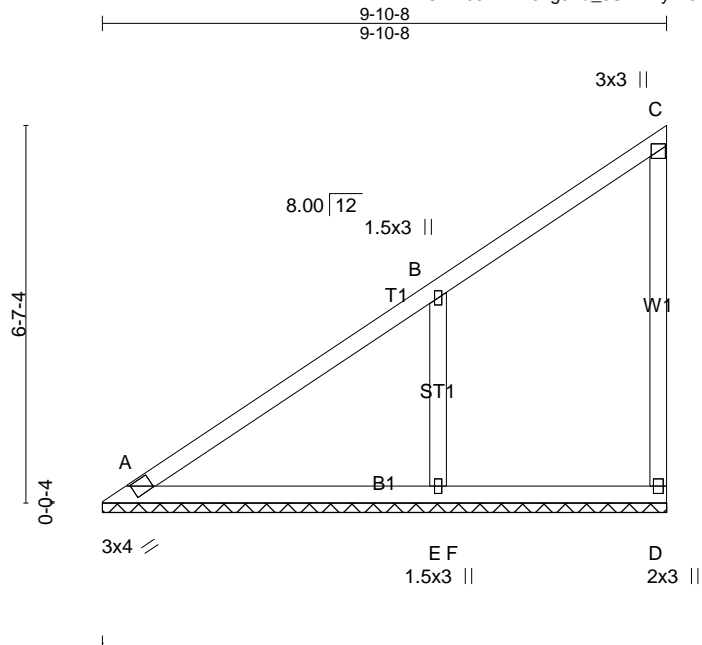
FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=-250/170, B-C=-198/133, C-D=-159/110, D-E=-114/59
 BOT CHORD A-G=-121/134, F-G=-121/134, E-F=-121/134
 WEBS C-F=-287/174, B-G=-263/175

- 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

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:05 2020 Page 1
 ID:OHw69XFTR3Lg3Pa_9SX4IPlf4J-plex?hSteVjAyx2?09LJSWvYtPCNUPSskzjihAyiXQ8



Scale = 1:40.3

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.45	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.23	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.10	Vert(CT) n/a - n/a 999		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-SH	Horz(CT) -0.00 D n/a n/a		
					Weight: 45 lb	FT = 20%

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

REACTIONS. (lb/size) A=175/9-10-8 (min. 0-1-8), D=96/9-10-8 (min. 0-1-8), E=471/9-10-8 (min. 0-1-8)
 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.

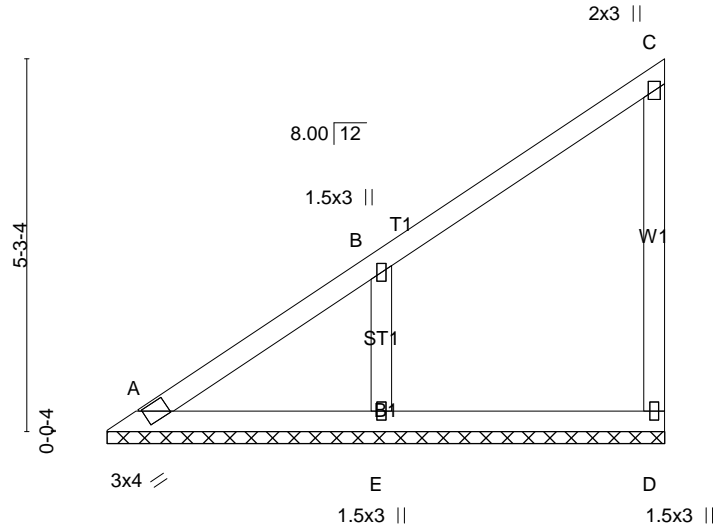
LOAD CASE(S) Standard

Job 20083763	Truss V7	Truss Type Valley	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	----------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:06 2020 Page 1

ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-HVGJC1S5Pqr0a5dBatsY?kSmVpaEDtPuCNcFDcyiXQ7
7-10-8
7-10-8



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

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

REACTIONS. (lb/size) A=104/7-10-8 (min. 0-1-8), D=125/7-10-8 (min. 0-1-8), E=354/7-10-8 (min. 0-1-8)
 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.

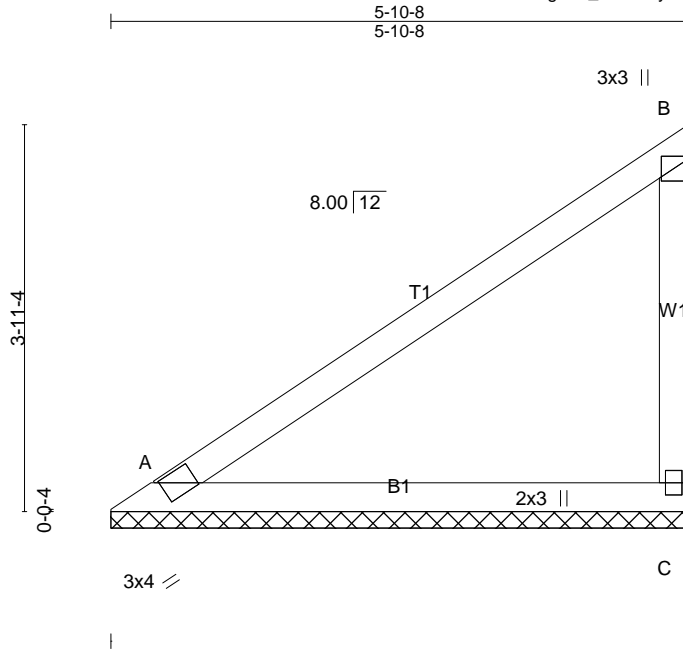
LOAD CASE(S) Standard

Job 20083763	Truss V8	Truss Type Valley	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	----------------------	----------	----------	-----------------------------

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

8.330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:06 2020 Page 1

ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-HVGJC1S5Pqr0a5dBatsY?kSlqpXwDtGuCnCFDcyiXQ7



Scale = 1:23.5

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-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 5-10-14 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) A=211/5-10-8 (min. 0-1-8), C=211/5-10-8 (min. 0-1-8)
 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; TCCL=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

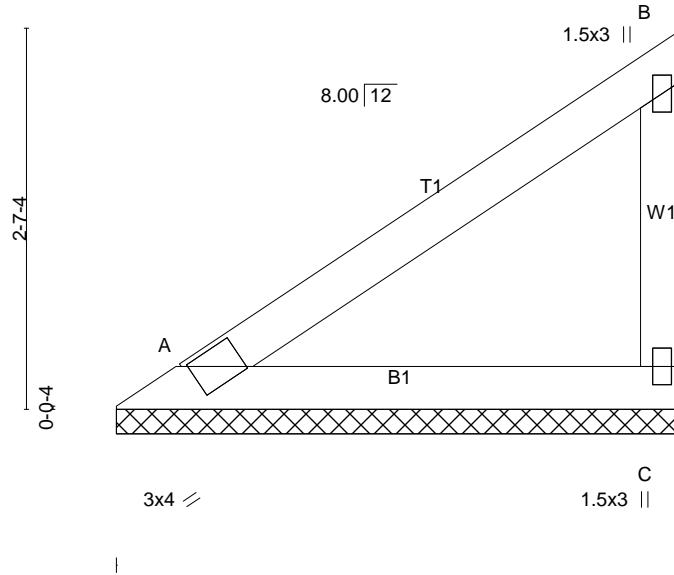
Job 20083763	Truss V9	Truss Type Valley	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	-------------	----------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:07 2020 Page 1

ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-lnqhPMTj97ztCFBO7aNNxX_yHDwUyKW1R1Mol2yiXQ6
3-10-8
3-10-8

Scale = 1:15.7



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.20	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.12	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Vert(CT) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.00 C n/a n/a		
	Code IRC2015/TPI2014			Weight: 15 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-10-14 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) A=131/3-10-8 (min. 0-1-8), C=131/3-10-8 (min. 0-1-8)
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; TCCL=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.

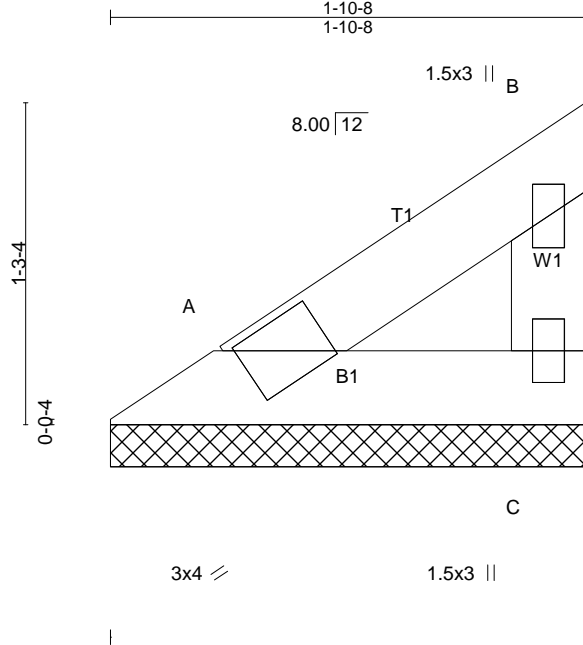
LOAD CASE(S) Standard

Job 20083763	Truss V10	Truss Type Valley	Qty 1	Ply 1	McKee - PROMENADE CRAFTSMAN
-----------------	--------------	----------------------	----------	----------	-----------------------------

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

8:330 s Apr 7 2020 MiTek Industries, Inc. Sun Aug 30 22:44:07 2020 Page 1

ID:OHw69XFTR3Lg3Pa_9SX4fPylf4J-lhghPMTJ97ztCFBO7aNNXx_?DxAyKW1R1Mol2yiXQ6



Scale = 1:9.1

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 0.03	Vert(LL) n/a - n/a 999	MT20 244/190
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-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 1-10-14 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS. (lb/size) A=51/1-10-8 (min. 0-1-8), C=51/1-10-8 (min. 0-1-8)
 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; TCCL=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