Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A1	COMMON	3	1	Job Reference (optional)

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

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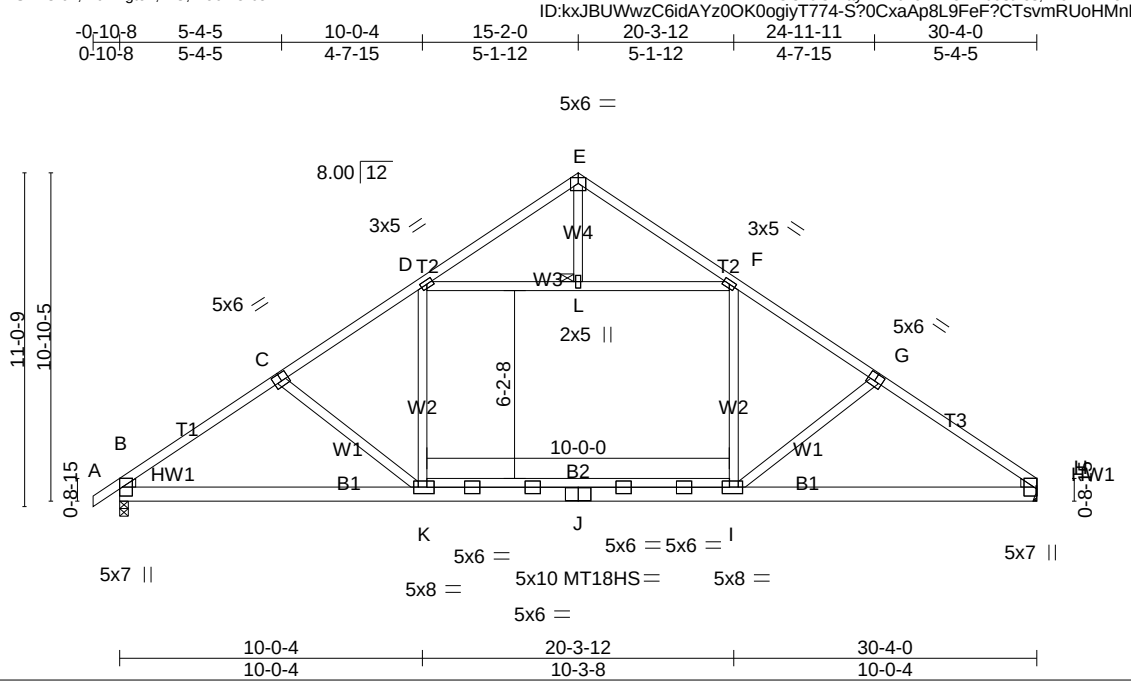

Plate Offsets (X,Y)-- [B:0-0-6,0-0-9], [B:0-0-12,0-4-10], [C:0-3-0,0-3-0], [G:0-3-0,0-3-0], [H:0-0-12,0-4-10], [H:0-0-6,0-0-9], [I:0-1-12,0-2-8], [K:0-1-12,0-2-8]

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	0.60	Vert(LL)	-0.39	I-R	>924	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.45	I-R	>809	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.06	H	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH		Attic	-0.33	I-K	373	360	Weight: 200 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B2: 2x4 SP No.2
WEBS 2x4 SP No.2 *Except*
W1,W4: 2x4 SP No.3
WEDGE
Left: 2x4 SP No.2 , Right: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-9-4 oc bracing.
JOINTS 1 Brace at Jt(s): L

REACTIONS. (lb/size) B=1318/0-3-8, H=1264/Mechanical
Max Horz B=260(LC 7)
Max Uplift B=-117(LC 10), H=-98(LC 11)
Max Grav B=1526(LC 18), H=1476(LC 19)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-2176/272, C-D=-2013/257, D-E=-456/99, E-F=-456/99, F-G=-2012/258, G-H=-2177/273
BOT CHORD B-K=-196/1896, J-K=-30/1692, I-J=-30/1692, H-I=-142/1744
WEBS D-L=-1325/260, F-L=-1325/260, F-I=0/650, G-I=-292/215, E-L=0/142, D-K=0/650, C-K=-289/214

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Ceiling dead load (5.0 psf) on member(s). D-L, F-L
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. I-K
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 117 lb uplift at joint B and 98 lb uplift at joint H.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) ATTIC SPACE SHOWN IS DESIGNED AS UNINHABITABLE.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A2	HIP	1	1	Job Reference (optional)

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

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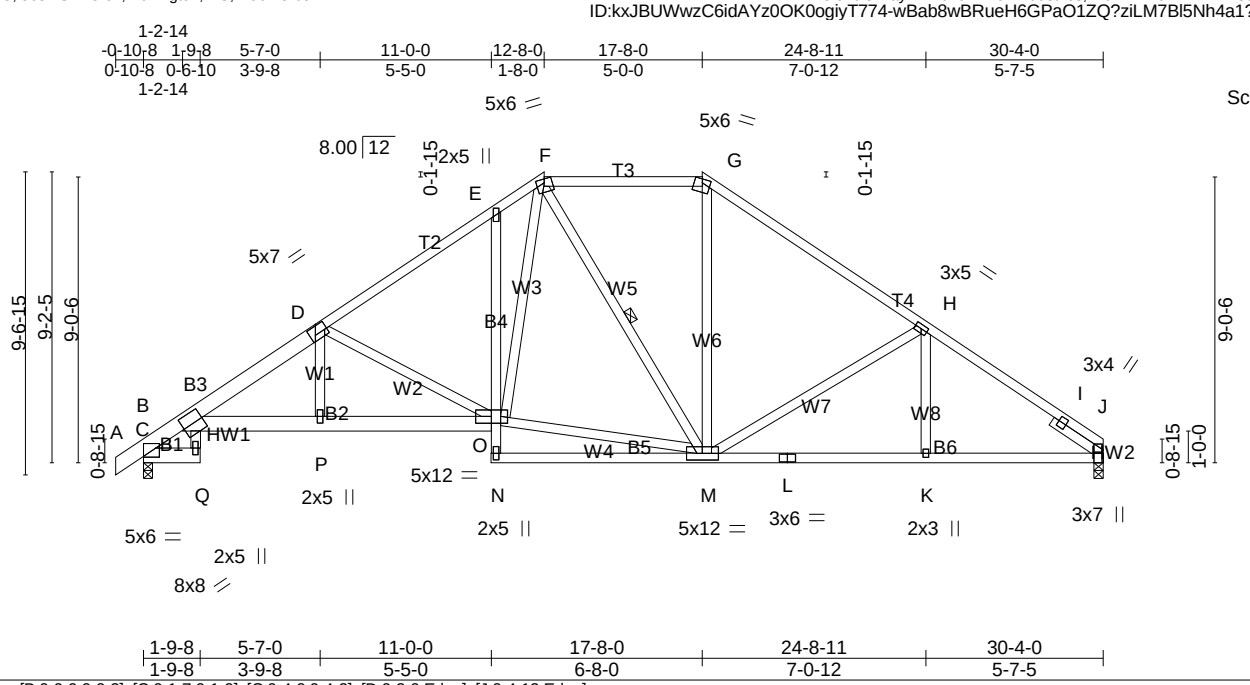

Plate Offsets (X,Y)-- [B:0-0-0,0-0-3], [C:0-1-7,0-1-0], [C:0-4-0,0-4-2], [D:0-2-0,Edge], [J:0-4-12,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.11	Q	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.97	Vert(CT)	-0.22	Q	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.19	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 212 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T1: 2x6 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B1,B2: 2x6 SP No.2, B3,B4: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.2
SLIDER Right 2x4 SP No.3 -$ 1-11-0

BRACING-
TOP CHORD Structural wood sheathing directly applied, except
2-0-0 oc purlins (5-4-14 max.): F-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: C-P.
WEBS 1 Row at midpt F-M

REACTIONS. (lb/size) J=1213/0-3-8, B=1277/0-3-8
Max Horz B=219(LC 7)
Max UpliftJ=-115(LC 11), B=-128(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-646/150, C-D=-2296/385, D-E=-1631/347, E-F=-1507/432, F-G=-1045/332, G-H=-1374/326, H-I=-1722/317, I-J=-565/62
BOT CHORD B-Q=0/0, C-P=-274/1935, O-P=-273/1951, N-O=0/114, E-O=-186/175, M-N=-3/119, L-M=-185/1377, K-L=-185/1377, J-K=-185/1377
WEBS D-P=0/404, D-O=-798/231, F-M=-253/142, G-M=-13/393, H-M=-446/222, H-K=0/211, M-O=-28/1010, F-O=-220/789

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 115 lb uplift at joint J and 128 lb uplift at joint B.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A3	HIP	1	1	Job Reference (optional)

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

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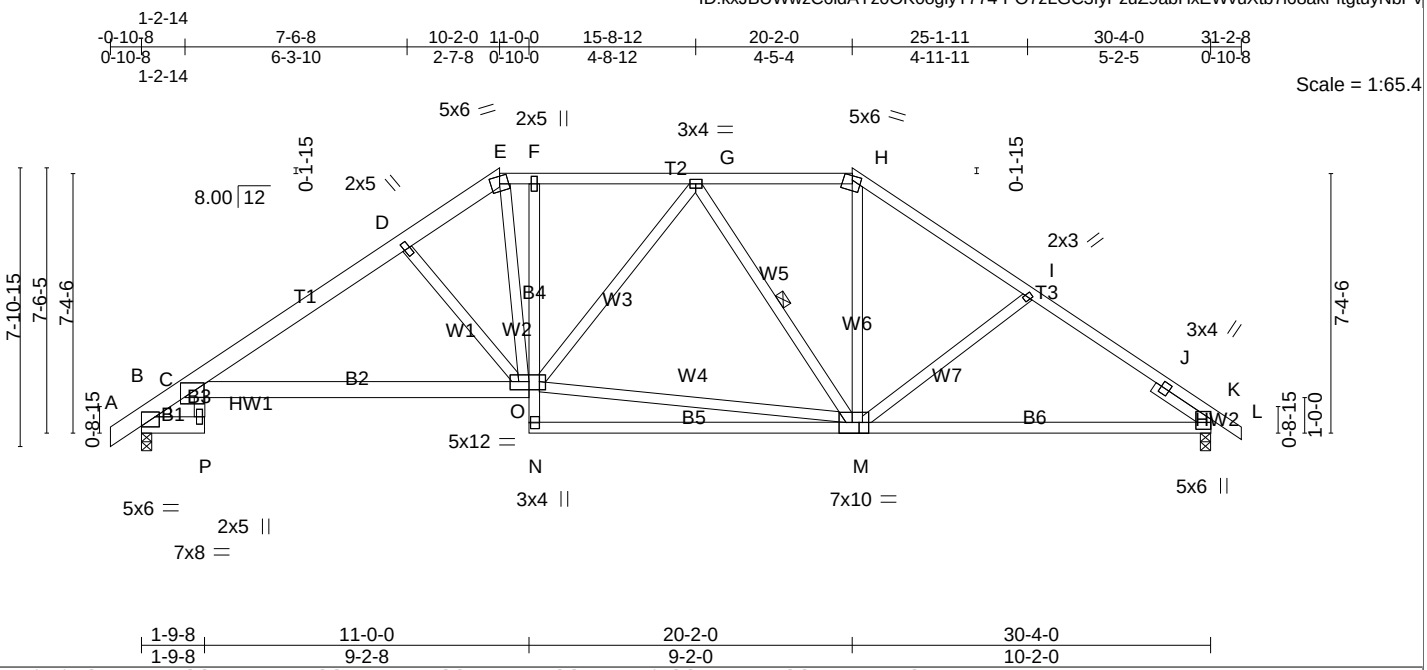

Plate Offsets (X,Y)-- [B:0-0-0,0-0-3], [C:0-3-15,0-2-10], [C:0-1-12,0-0-0], [C:0-1-9,0-2-4], [M:0-3-4,Edge], [N:0-2-0,0-0-8], [O:0-3-0,0-2-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.20	O-V	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.88	Vert(CT)	-0.47	O-V	>782	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.24	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 207 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T1: 2x6 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B1,B2: 2x6 SP No.2, B3,B4: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.2
SLIDER Right 2x4 SP No.3 -$ 1-11-0

BRACING-

TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (4-8-1 max.): E-H.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt G-M

REACTIONS. (lb/size) B=1276/0-3-8, K=1266/0-3-8
Max Horz B=182(LC 9)
Max Uplift B=-109(LC 10), K=-115(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/29, B-C=-643/154, C-D=-1956/380, D-E=-1694/371, E-F=-1458/350, F-G=-1446/352, G-H=-1174/318, H-I=-1498/330, I-J=-1687/349, J-K=-821/0, K-L=0/29
BOT CHORD B-P=0/0, C-O=-169/1663, N-O=0/163, F-O=-184/89, M-N=-14/34, K-M=-172/1344
WEBS H-M=-57/519, I-M=-258/198, D-O=-552/211, E-O=-192/942, M-O=-121/1401, G-O=-45/173, G-M=-494/193

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 109 lb uplift at joint B and 115 lb uplift at joint K.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A4	HIP	1	1	Job Reference (optional)

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

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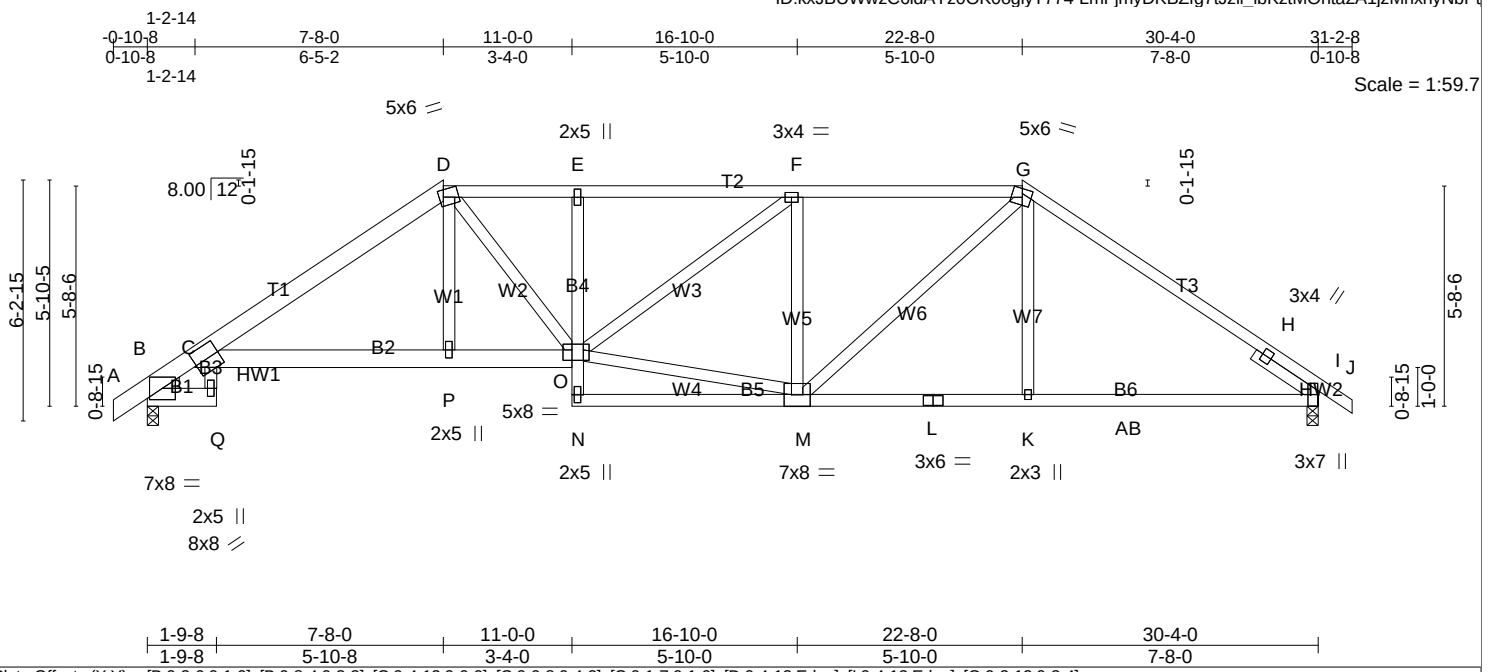

Plate Offsets (X,Y)-- [B:0-2-6,0-1-9], [B:0-8-4,0-3-2], [C:0-4-12,0-0-0], [C:0-0-8,0-4-2], [C:0-1-7,0-1-0], [D:0-4-12,Edge], [I:0-4-12,Edge], [O:0-2-12,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.14	P-W	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.90	Vert(CT)	-0.30	P-W	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.20	I	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 188 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T1: 2x6 SP No.1
BOT CHORD 2x4 SP No.2 *Except*
B1: 2x6 SP No.2, B3,B4: 2x4 SP No.3, B2: 2x6 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.2
SLIDER Right 2x4 SP No.3 -$ 1-11-12

BRACING-
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (3-10-11 max.): D-G.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) B=1276/0-3-8, I=1266/0-3-8
Max Horz B=141(LC 9)
Max UpliftB=-85(LC 10), I=-91(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-630/158, C-D=-2074/382, D-E=-1954/431, E-F=-1958/435, F-G=-1718/410, G-H=-1667/334, H-I=-563/17, I-J=0/29
BOT CHORD B-Q=0/0, C-P=-209/1711, O-P=-209/1727, N-O=0/108, E-O=-264/137, M-N=-16/213, L-M=-125/1301, K-L=-125/1301, K-AB=-124/1305, I-AB=-124/1305
WEBS D-P=-10/478, D-O=-214/473, M-O=-186/1540, F-O=-72/310, F-M=-597/231, G-M=-194/662, G-K=0/255

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 85 lb uplift at joint B and 91 lb uplift at joint I.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A5	Hip Girder	1	2	Job Reference (optional)

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

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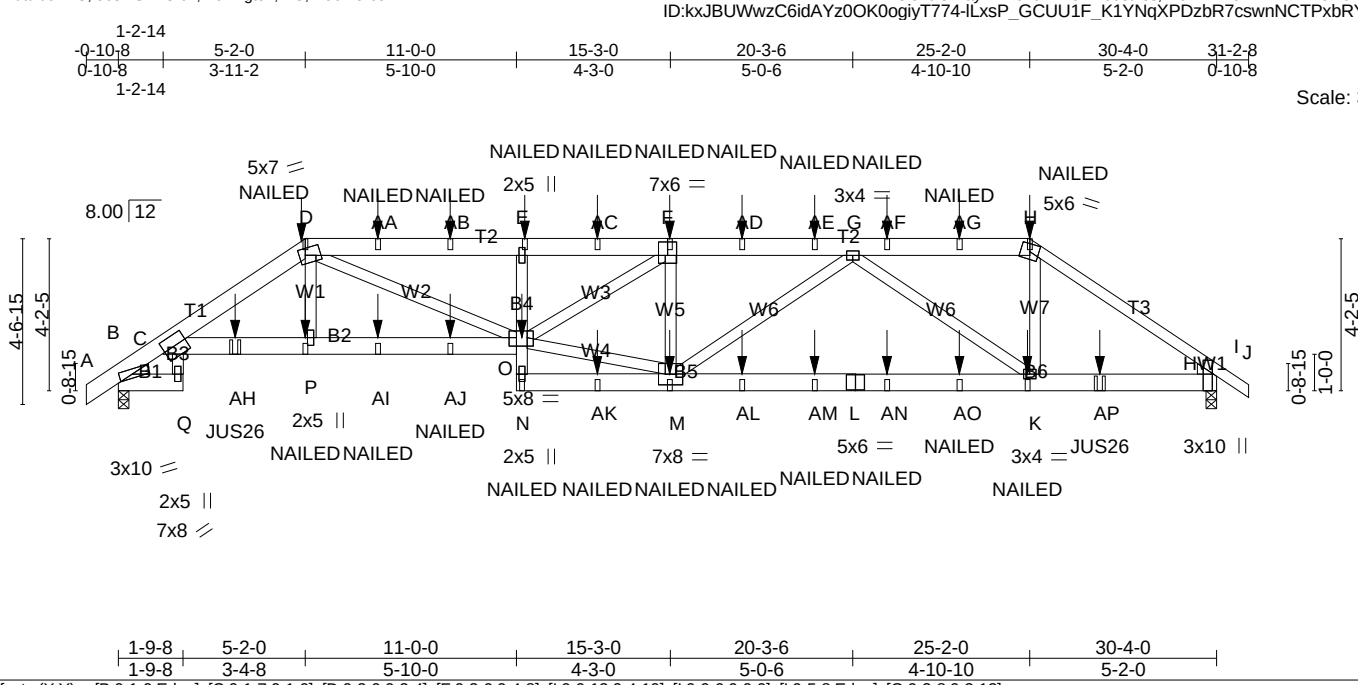

Plate Offsets (X,Y)-- [B:0-1-0,Edge], [C:0-1-7,0-1-0], [D:0-2-0,0-2-4], [F:0-3-0,0-4-8], [I:0-0-12,0-4-10], [I:0-0-6,0-0-9], [I:0-5-8,Edge], [O:0-2-8,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.82	Vert(LL)	0.18	O	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.23	O	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.68	Horz(CT)	0.14	I	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 414 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
T1: 2x6 SP No.1, T3: 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B3,B4: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.2 , Right: 2x4 SP No.2

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

REACTIONS. (lb/size) B=1804/0-3-8, I=1796/0-3-8
Max Horz B=102(LC 7)
Max UpliftB=-708(LC 8), I=-717(LC 9)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-936/432, C-D=-3453/1572, D-AA=-4407/2115, AA-AB=-4407/2115, E-AB=-4407/2115, E-AC=-4360/2092, F-AC=-4360/2092, F-AD=-3563/1662, AD-AE=-3563/1662, G-AE=-3563/1662, G-AF=-2009/917, AF-AG=-2007/917, H-AG=-2006/916, H-I=-2556/1102, I-J=0/29
BOT CHORD B-Q=0/0, C-AH=-1388/2955, P-AH=-1388/2955, P-AI=-1401/2991, AI-AJ=-1401/2991, O-AJ=-1401/2991, N-O=-11/44, E-O=-342/276, N-AK=-213/402, M-AK=-213/402, M-AL=-1488/3094, AL-AM=-1488/3094, L-AM=-1488/3094, L-AN=-1488/3094, AN-AO=-1488/3094, K-AO=-1488/3094, K-AP=-849/2048, I-AP=-849/2048
WEBS D-P=-233/682, D-O=-889/1614, M-O=-1525/3300, F-O=-484/906, F-M=-883/548, G-M=-224/612, G-K=-1394/821, H-K=-436/1092

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 708 lb uplift at joint B and 717 lb uplift at joint I.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 23-10-8 oc max. starting at 3-2-12 from the left end to 27-1-4 to connect truss(es) a15 (1 ply 2x6 SP), a17 (1 ply 2x6 SP) to front face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.
13) "NAILED" indicates 3-10d Nails (0.148" x 3") 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-C=-60, C-D=-60, D-H=-60, H-J=-60, Q-R=-20, O-U=-20, N-X=-20

Continued on page 2

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: D=-31(F) H=-39(F) O=-23(F) E=-39(F) P=-31(F) F=-39(F) M=-23(F) K=-23(F) AA=-31(F) AB=-31(F) AC=-39(F) AD=-39(F) AE=-39(F) AF=-39(F) AG=-39(F) AH=-190(F) AI=-31(F) AJ=-31(F) AK=-23(F) AL=-23(F) AM=-23(F) AN=-23(F) AO=-23(F) AP=-190(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A6	Roof Special	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Rob Ferber — 8.310 s May 22 2019 MiTek Industries, Inc. Fri Nov 1 11:21:46 2019 Page 1
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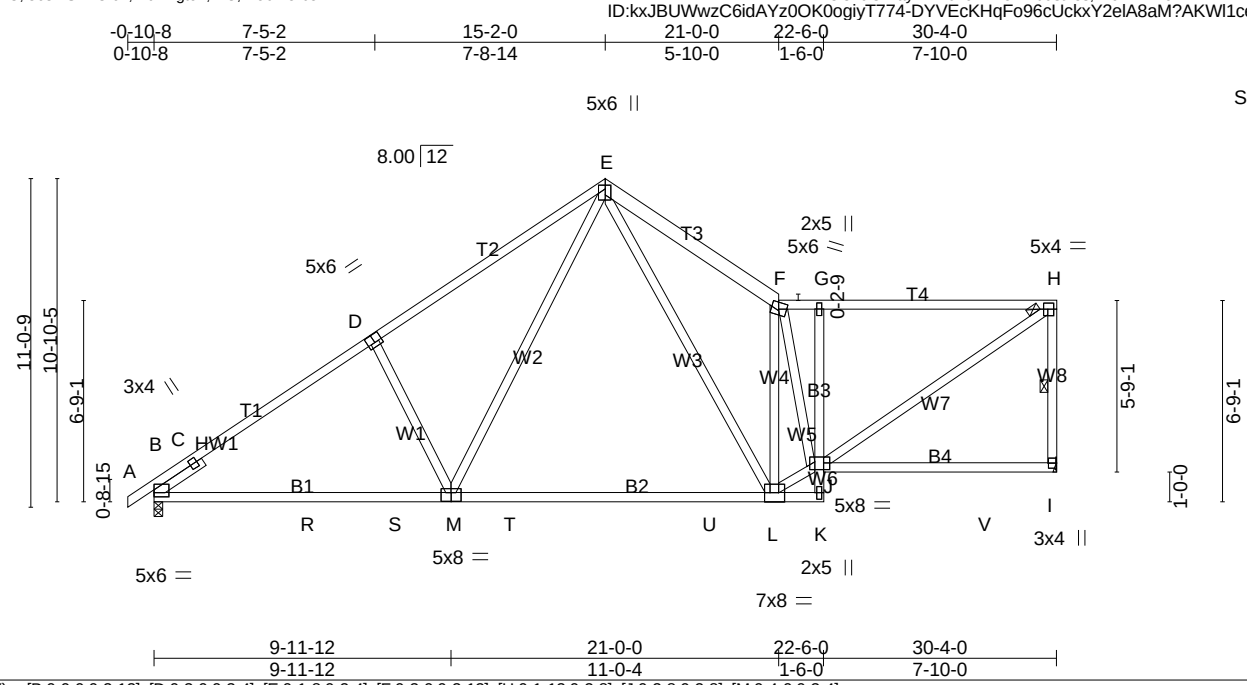

Plate Offsets (X,Y)-- [B:0-0-0,0-2-12], [D:0-3-0,0-3-4], [E:0-1-8,0-2-4], [F:0-3-0,0-2-12], [H:0-1-12,0-2-8], [J:0-2-8,0-2-8], [M:0-4-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	-0.41	L-M	>884	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.87	Vert(CT)	-0.66	L-M	>548	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.97	Horz(CT)	0.04	I	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 201 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T3: 2x6 SP No.2
BOT CHORD 2x4 SP No.1 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 -$ 1-11-12

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

REACTIONS. (lb/size) I=1207/Mechanical, B=1261/0-3-8
Max Horz B=329(LC 7)
Max Uplift I=-162(LC 11), B=-144(LC 10)
Max Grav I=1244(LC 2), B=1333(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-766/0, C-D=-1653/317, D-E=-1646/404, E-F=-1601/448, F-G=-1347/321, G-H=-1367/327, H-I=-1127/263
BOT CHORD B-R=-256/1556, R-S=-256/1556, M-S=-256/1556, M-T=-104/997, T-U=-104/997, L-U=-104/997, K-L=-123/10, J-K=-327/0, G-J=-501/271, J-V=-67/81, I-V=-67/81
WEBS D-M=-423/302, E-M=-168/843, E-L=-188/801, J-L=-88/1658, F-J=-237/348, H-J=-288/1646, F-L=-1162/351

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 162 lb uplift at joint I and 144 lb uplift at joint B.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A7	Roof Special	1	1	Job Reference (optional)

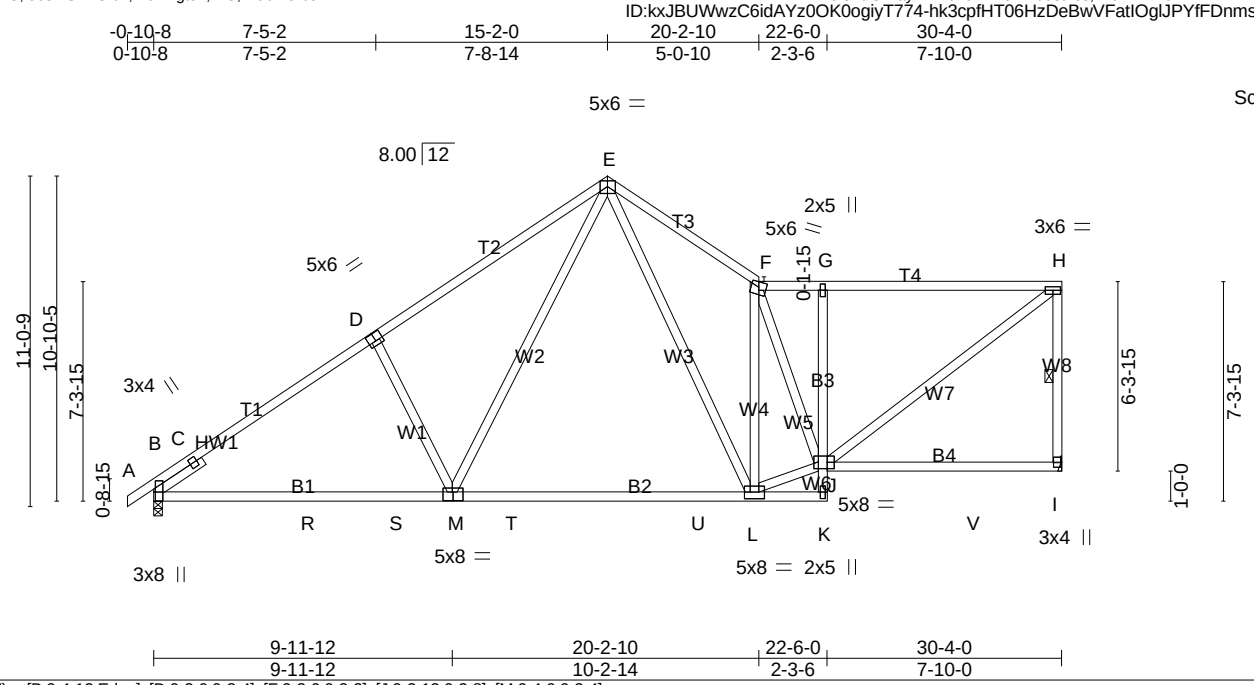

Plate Offsets (X,Y)-- [B:0-4-12,Edge], [D:0-3-0,0-3-4], [F:0-3-0,0-2-3], [J:0-2-12,0-2-8], [M:0-4-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.90	Vert(LL)	-0.32	L-M	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.52	L-M	>699	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.04	I	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 199 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
T2: 2x4 SP No.1
BOT CHORD 2x4 SP No.1 *Except*
B3: 2x4 SP No.3, B4: 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 -$ 1-11-12

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

REACTIONS. (lb/size) I=1207/Mechanical, B=1261/0-3-8
Max Horz B=334(LC 7)
Max Uplift I=-169(LC 11), B=-144(LC 10)
Max Grav I=1250(LC 2), B=1329(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-792/0, C-D=-1629/319, D-E=-1634/405, E-F=-1494/439, F-G=-1218/312, G-H=-1232/315, H-I=-1128/266
BOT CHORD B-R=-259/1547, R-S=-259/1547, M-S=-259/1547, M-T=-123/990, T-U=-123/990, L-U=-123/990, K-L=-121/0, J-K=-160/0, G-J=-465/230, J-V=-75/90, I-V=-75/90
WEBS D-M=-428/305, E-M=-175/832, E-L=-183/737, F-L=-915/300, J-L=-95/1451, F-J=-161/140, H-J=-273/1535

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 169 lb uplift at joint I and 144 lb uplift at joint B.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A8	Half Hip	1	1	Job Reference (optional)

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

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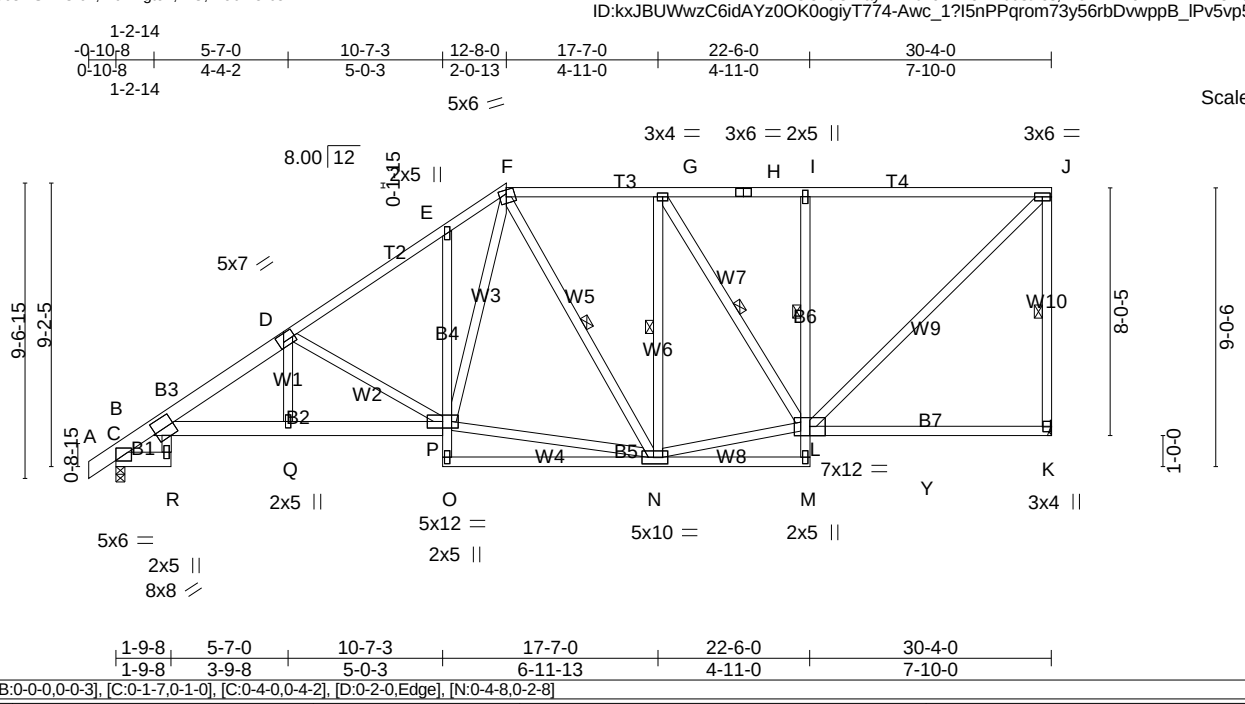

Plate Offsets (X,Y)-- [B:0-0-0,0-0-3], [C:0-1-7,0-1-0], [C:0-4-0,0-4-2], [D:0-2-0,Edge], [N:0-4-8,0-2-8]

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	0.98	Vert(LL)	-0.15	K-L	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.97	Vert(CT)	-0.31	K-L	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.15	K	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*
T1: 2x6 SP No.1

BOT CHORD 2x4 SP No.3 *Except*
B1,B2: 2x6 SP No.2, B5,B7: 2x4 SP No.2

WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (3-1-0 max.): F-J.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: C-Q
6-0-0 oc bracing: M-N.
1 Row at midpt I-L

WEBS 1 Row at midpt J-K, F-N, G-N, G-L

REACTIONS. (lb/size) K=1207/Mechanical, B=1271/0-3-8
Max Horz B=315(LC 7)
Max UpliftK=-223(LC 7), B=-124(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/29, B-C=-688/78, C-D=-2280/409, D-E=-1646/361, E-F=-1535/442, F-G=-1036/330, G-H=-939/304, H-I=-939/304, I-J=-953/308, J-K=-1129/285

BOT CHORD B-R=0/0, C-Q=-398/1919, P-Q=-397/1936, O-P=0/123, E-P=-178/160, N-O=-12/133, M-N=-75/17, L-M=0/74, I-L=-441/206, L-Y=-100/118, K-Y=-100/118

WEBS D-Q=0/398, D-P=-761/230, F-N=-221/103, G-N=-192/186, L-N=-184/1040, G-L=-193/61, J-L=-257/1313, N-P=-262/976, F-P=-217/777

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 223 lb uplift at joint K and 124 lb uplift at joint B.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A9	Half Hip	1	1	Job Reference (optional)

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

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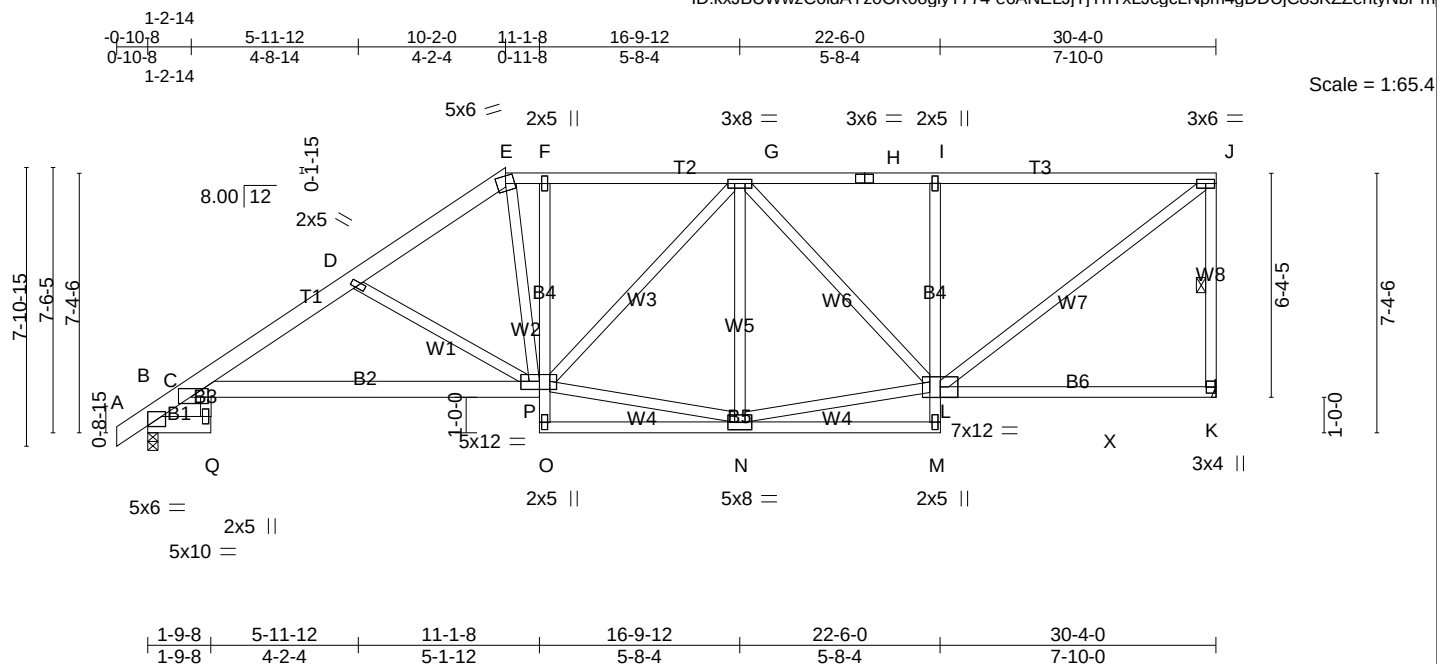

Plate Offsets (X,Y)-- [B:0-0-0,0-0-3], [C:0-3-15,0-2-10], [C:0-1-12,0-0-0], [C:0-5-11,0-2-12], [P:0-2-12,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.16	P-W	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.39	P-W	>929	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.18	K	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 227 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* T1: 2x6 SP No.1

BOT CHORD 2x4 SP No.3 *Except* B1,B2: 2x6 SP No.2, B5,B6: 2x4 SP No.2

WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (2-2-0 max.): E-J.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: N-O,M-N.

WEBS 1 Row at midpt J-K

REACTIONS. (lb/size) K=1207/Mechanical, B=1271/0-3-8
Max Horz B=253(LC 7)
Max Uplift K=-222(LC 7), B=-106(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/29, B-C=-643/85, C-D=-2081/431, D-E=-1677/366, E-F=-1461/368, F-G=-1454/371, G-H=-1194/330, H-I=-1194/330, I-J=-1215/334, J-K=-1128/282

BOT CHORD B-Q=0/0, C-P=-395/1832, O-P=0/97, F-P=-278/130, N-O=-73/0, M-N=-53/52, L-M=0/97, I-L=-452/207, L-X=-76/91, K-X=-76/91

WEBS E-P=-160/851, N-P=-264/1364, G-P=-67/270, G-N=-368/170, L-N=-229/1267, G-L=-156/42, J-L=-297/1503, D-P=-607/220

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 222 lb uplift at joint K and 106 lb uplift at joint B.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A10	Half Hip	1	1	Job Reference (optional)

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

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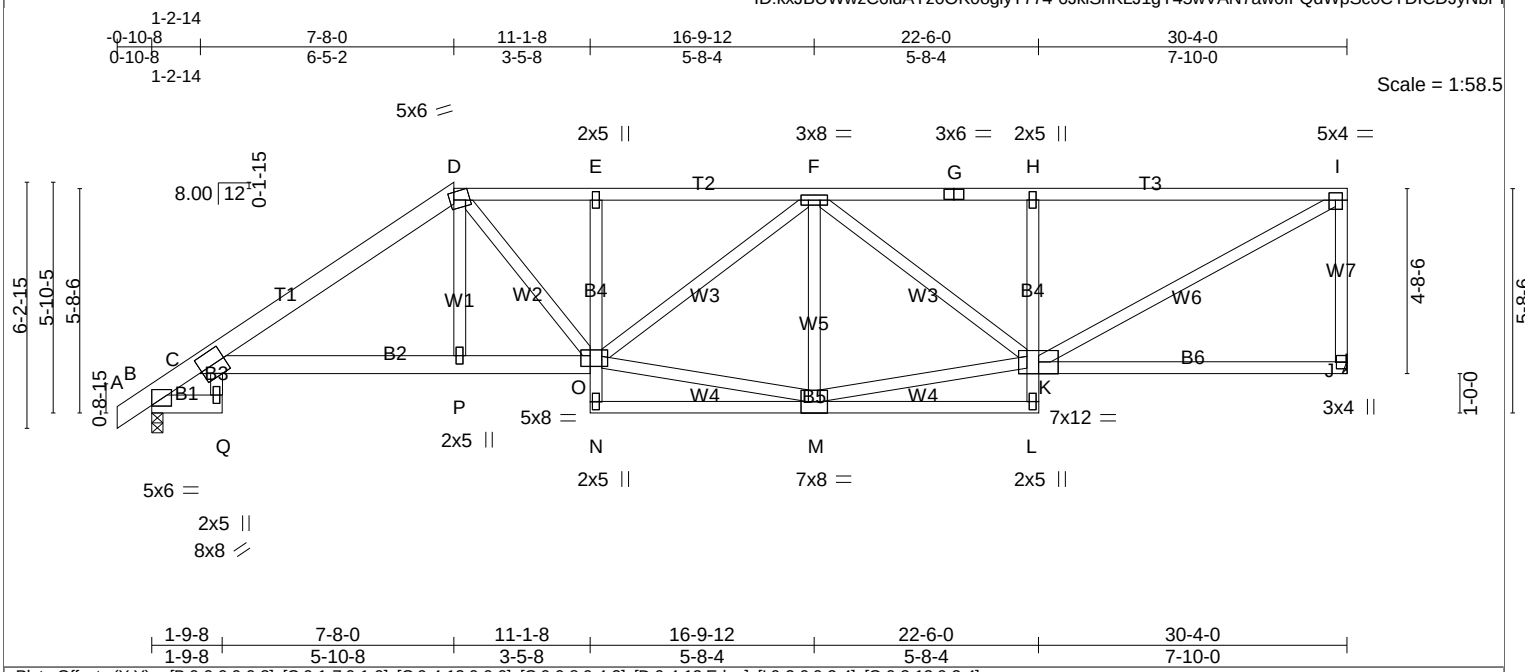

Plate Offsets (X,Y)-- [B:0-0-0,0-0-3], [C:0-1-7,0-1-0], [C:0-4-12,0-0-0], [C:0-0-8,0-4-2], [D:0-4-12,Edge], [I:0-2-0,0-2-4], [O:0-2-12,0-3-4]

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.98	Vert(LL)	-0.15	J-K	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.90	Vert(CT)	-0.34	J-K	>999	180		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.77	Horz(CT)	0.19	J	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-MSH							Weight: 206 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1 *Except*
T2: 2x4 SP No.2, T3: 2x4 SP No.1

BOT CHORD 2x4 SP No.3 *Except*
B1: 2x6 SP No.2, B2: 2x6 SP No.1, B5,B6: 2x4 SP No.2

WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (3-5-6 max.): D-I.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) J=1207/Mechanical, B=1271/0-3-8
Max Horz B=191(LC 7)
Max UpliftJ=-222(LC 7), B=-89(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension

TOP CHORD A-B=0/29, B-C=-640/95, C-D=-2062/403, D-E=-1952/448, E-F=-1958/452, F-G=-1634/391, G-H=-1634/391, H-I=-1670/399, I-J=-1126/280

BOT CHORD B-Q=0/0, C-P=-346/1700, O-P=-346/1715, N-O=0/100, E-O=-277/142, M-N=-24/202, L-M=-54/90, K-L=0/99, H-K=-447/205, J-K=-51/63

WEBS D-P=-22/472, D-O=-228/479, M-O=-319/1524, F-O=-86/329, F-M=-470/192, K-M=-289/1634, F-K=-92/23, I-K=-371/1870

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 222 lb uplift at joint J and 89 lb uplift at joint B.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A11	Half Hip Girder	1	2	Job Reference (optional)

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

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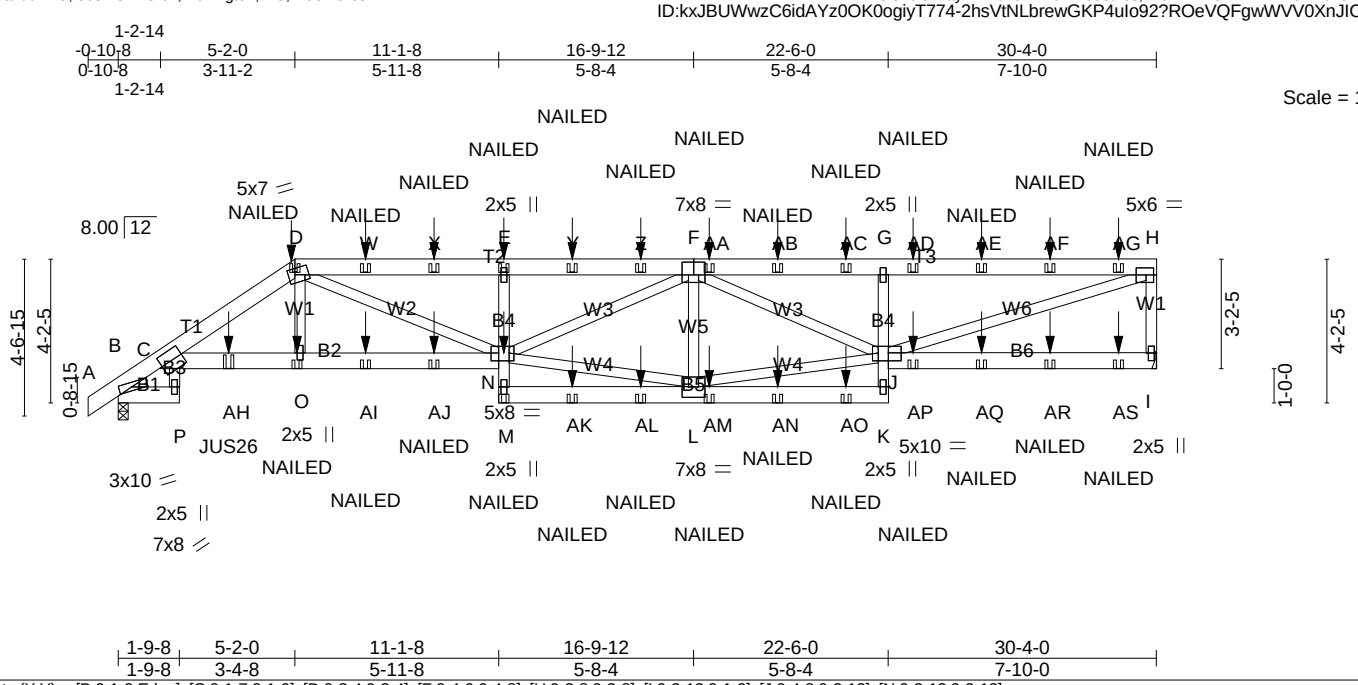


Plate Offsets (X,Y)-- [B:0-1-0,Edge], [C:0-1-7,0-1-0], [D:0-2-4,0-2-4], [F:0-4-0,0-4-8], [H:0-2-8,0-2-8], [I:0-2-12,0-1-0], [J:0-4-8,0-2-12], [N:0-2-12,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.81	Vert(LL)	0.21	N	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.27	N	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.77	Horz(CT)	0.13	I	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 450 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* T1: 2x6 SP No.1
BOT CHORD 2x6 SP No.2 *Except* B3,B4: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.2

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

REACTIONS. (lb/size) I=1687/Mechanical, B=1784/0-3-8
Max Horz B=129(LC 5)
Max Uplift I=-853(LC 5), B=-704(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-925/409, C-D=-3411/1603, D-W=-4362/2178, W-X=-4362/2178, E-X=-4362/2178, E-Y=-4311/2155, Y-Z=-4311/2155, F-Z=-4311/2155, F-AA=-3570/1798, AA-AB=-3570/1798, AB-AC=-3570/1798, G-AC=-3570/1798, G-AD=-3641/1831, AD-AE=-3641/1831, AE-AF=-3641/1831, AF-AG=-3641/1831, H-AG=-3641/1831, H-I=-1518/819
BOT CHORD B-P=0/0, C-AH=-1453/2917, O-AH=-1453/2917, O-AI=-1466/2953, AI-AJ=-1466/2953, N-AJ=-1466/2953, M-N=-6/146, E-N=-413/333, M-AK=-242/481, AK-AL=-242/481, L-AL=-242/481, L-AM=-220/390, AM-AN=-220/390, AN-AO=-220/390, K-AO=-220/390, J-K=-12/159, G-J=-529/399, J-AP=-77/108, AP-AQ=-77/108, AQ-AR=-77/108, AR-AS=-77/108, I-AS=-77/108
WEBS D-O=-244/685, D-N=-912/1543, L-N=-1515/2992, F-N=-518/988, F-L=-964/621, J-L=-1537/3084, F-J=-126/161, H-J=-1906/3742

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 853 lb uplift at joint I and 704 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.
10) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 3-2-12 from the left end to connect truss(es) a15 (1 ply 2x6 SP) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

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

Continued on page 2

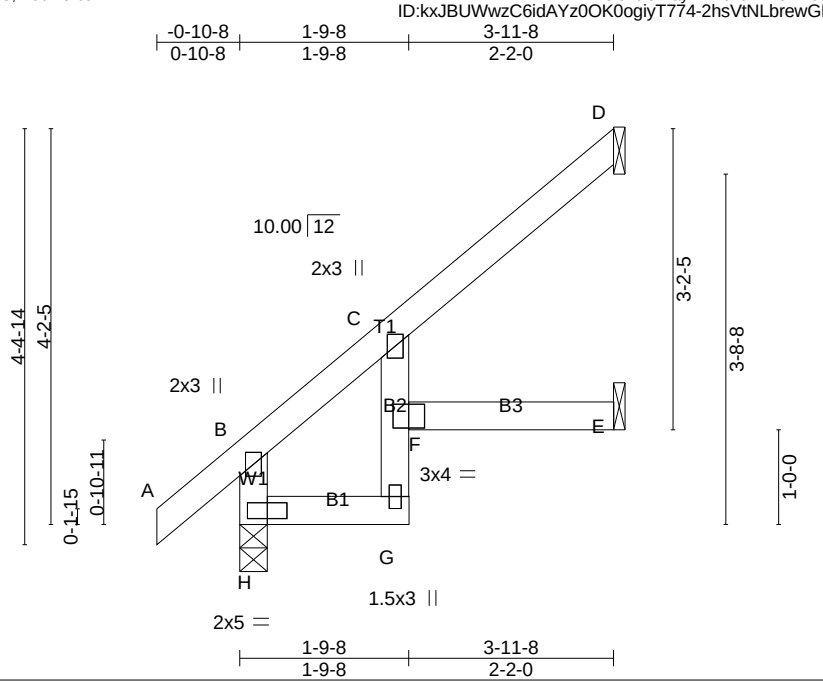
Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A11	Half Hip Girder	1	2	Job Reference (optional)

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: D=-31(F) N=-23(F) E=-39(F) O=-31(F) W=-31(F) X=-31(F) Y=-39(F) Z=-39(F) AA=-39(F) AB=-39(F) AC=-39(F) AD=-31(F) AE=-31(F) AF=-31(F) AG=-32(F) AH=-190(F) AI=-31(F) AJ=-31(F) AK=-23(F) AL=-23(F) AM=-23(F) AN=-23(F) AO=-23(F) AP=-31(F) AQ=-31(F) AR=-31(F) AS=-31(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A12	Jack-Open	10	1	Job Reference (optional)



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)	0.03	F	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	-0.03	F	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.02	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 19 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 3-11-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) D=91/Mechanical, E=51/Mechanical, H=220/0-3-8
Max Horz H=140(LC 10)
Max Uplift D=-79(LC 10), E=-19(LC 10)
Max Grav D=105(LC 17), E=64(LC 3), H=220(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-H=-197/53, A-B=0/39, B-C=-121/0, C-D=-74/78
BOT CHORD G-H=-79/104, F-G=-27/36, C-F=-6/49, 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 79 lb uplift at joint D and 19 lb uplift at joint E.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A13	Jack-Open	14	1	Job Reference (optional)

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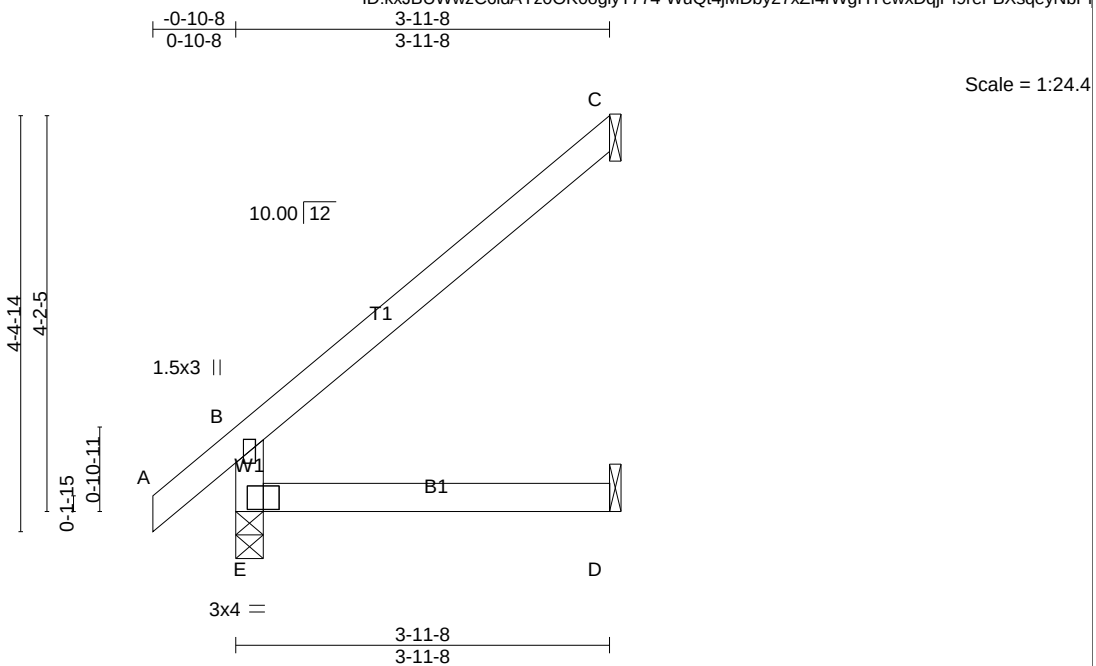

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	0.02	D-E	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	Vert(CT)	-0.02	D-E	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.02	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 16 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) C=99/Mechanical, D=43/Mechanical, E=220/0-3-8
Max Horz E=140(LC 10)
Max Uplift C=-95(LC 10), D=-2(LC 10)
Max Grav C=115(LC 17), D=71(LC 3), E=220(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-E=-188/59, A-B=0/39, B-C=-106/85
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 95 lb uplift at joint C and 2 lb uplift at joint D.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A14	Half Hip Girder	3	1	Job Reference (optional)

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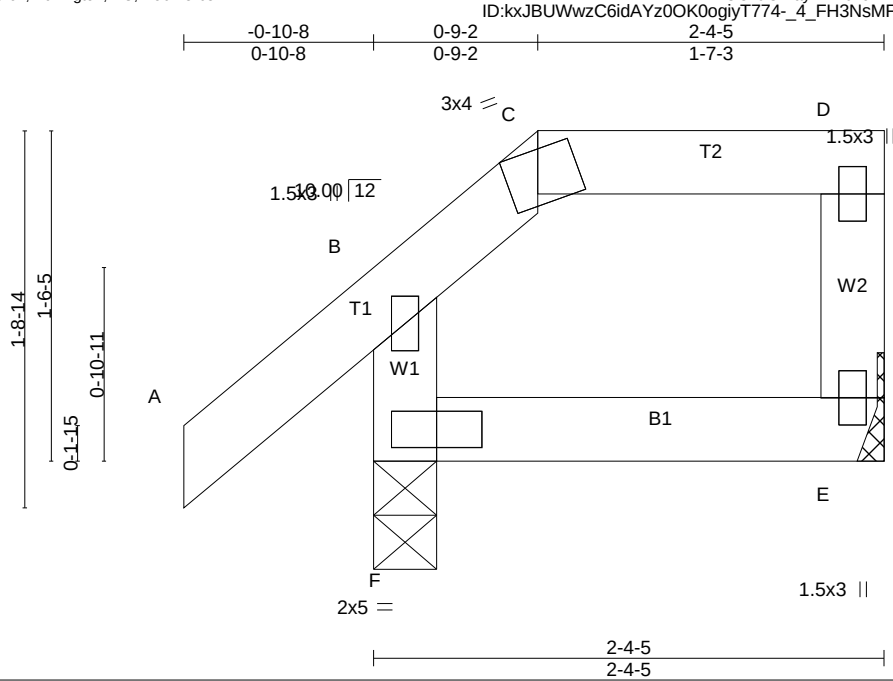

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	-0.00	F	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	-0.00	E-F	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 11 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-4-5 oc purlins, except end verticals, and 2-0-0 oc purlins: C-D.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) E=68/Mechanical, F=159/0-3-8
Max Horz F=59(LC 7)
Max Uplift E=-28(LC 7), F=-28(LC 10)
Max Grav E=74(LC 22), F=159(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-56/44, C-D=-34/31, D-E=-52/39, B-F=-137/102
BOT CHORD E-F=-26/18

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) -0-10-8 to 2-2-9 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) Bearing at joint(s) F considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint E and 28 lb uplift at joint F.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A15	Half Hip Girder	2	1	Job Reference (optional)

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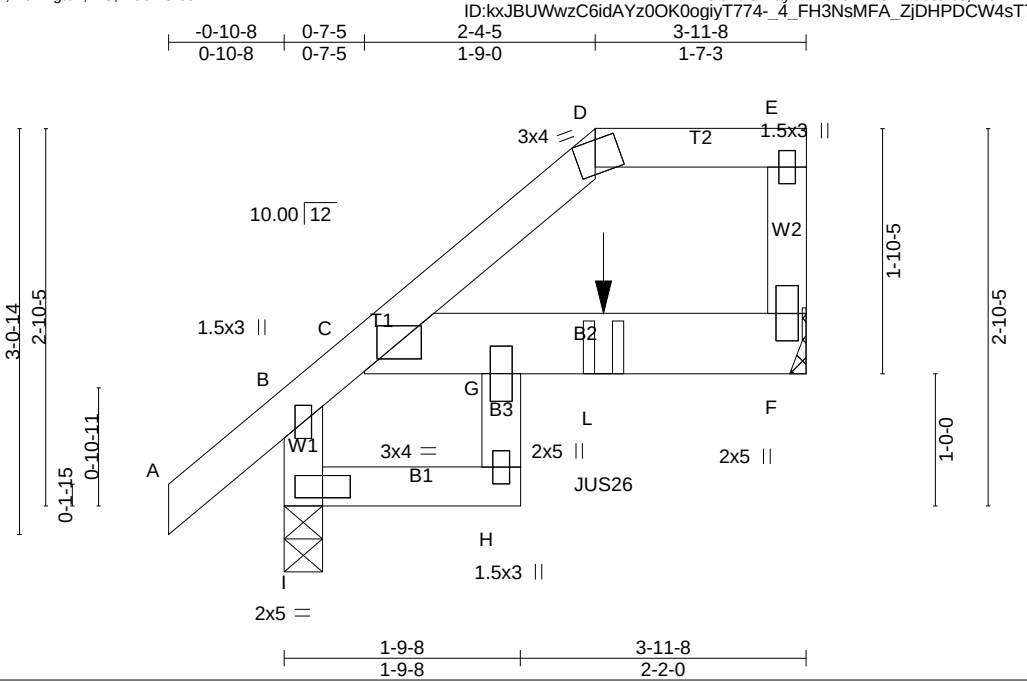

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	0.01	G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	-0.01	G	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.01	F	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 23 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals, and 2-0-0 oc purlins: D-E.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) F=210/Mechanical, I=260/0-3-8
Max Horz I=93(LC 5)
Max UpliftF=-99(LC 5), I=-58(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-133/30, C-D=-90/25, D-E=-52/37, E-F=-75/37, B-I=-244/81
BOT CHORD H-I=-41/37, G-H=-10/30, C-G=-10/35, G-L=-41/54, F-L=-41/54

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; cantilever left and right exposed ; end vertical left and right exposed; 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) Bearing at joint(s) I considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint F and 58 lb uplift at joint I.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 2-5-1 from the left end to connect truss(es) a16 (1 ply 2x4 SP) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-B=-60, B-D=-60, D-E=-60, H-I=-20, F-G=-20
Concentrated Loads (lb)
Vert: L=-115(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A16	Jack-Open Girder	2	1	Job Reference (optional)

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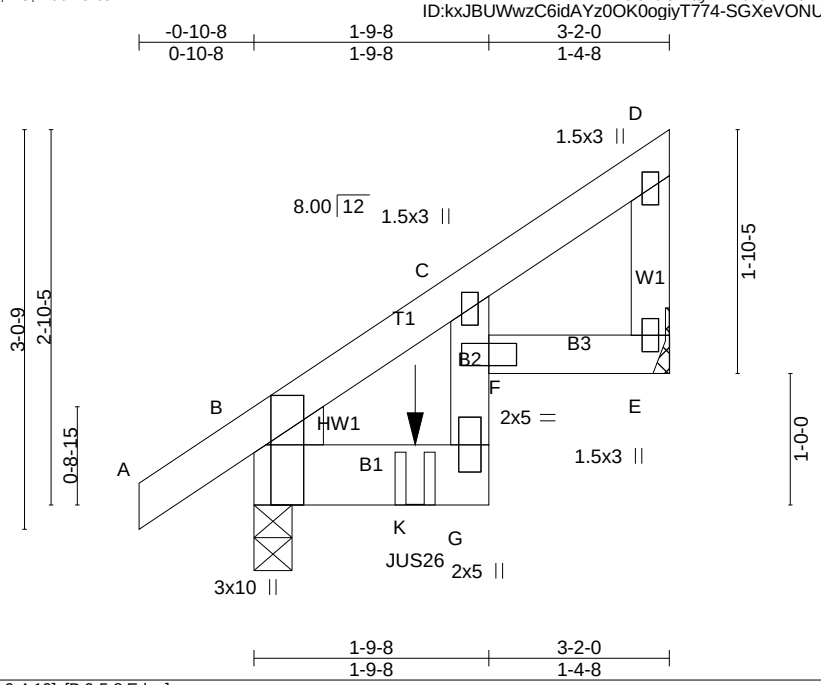

Plate Offsets (X,Y)-- [B:0-0-6,0-0-9], [B:0-0-12,0-4-10], [B:0-5-8,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	0.02	G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	-0.02	G	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.02	Horz(CT)	0.01	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MP							Weight: 18 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B1: 2x6 SP No.2, B2: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) B=213/0-3-8, E=135/Mechanical
Max Horz B=97(LC 8)
Max Uplift B=-32(LC 8), E=-71(LC 8)
Max Grav B=213(LC 1), E=136(LC 29)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-81/2, C-D=-54/64
BOT CHORD B-K=-8/4, G-K=-8/4, F-G=-74/115, C-F=-66/128, E-F=0/0
WEBS D-E=-122/79

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 32 lb uplift at joint B and 71 lb uplift at joint E.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
6) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 1-2-12 from the left end to connect truss(es) a14 (1 ply 2x4 SP) to front face of bottom chord.
7) Fill all nail holes where hanger is in contact with lumber.
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-D=-60, G-H=-20, E-F=-20
Concentrated Loads (lb)
Vert: K=-54(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A17	Half Hip Girder	1	1	Job Reference (optional)

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

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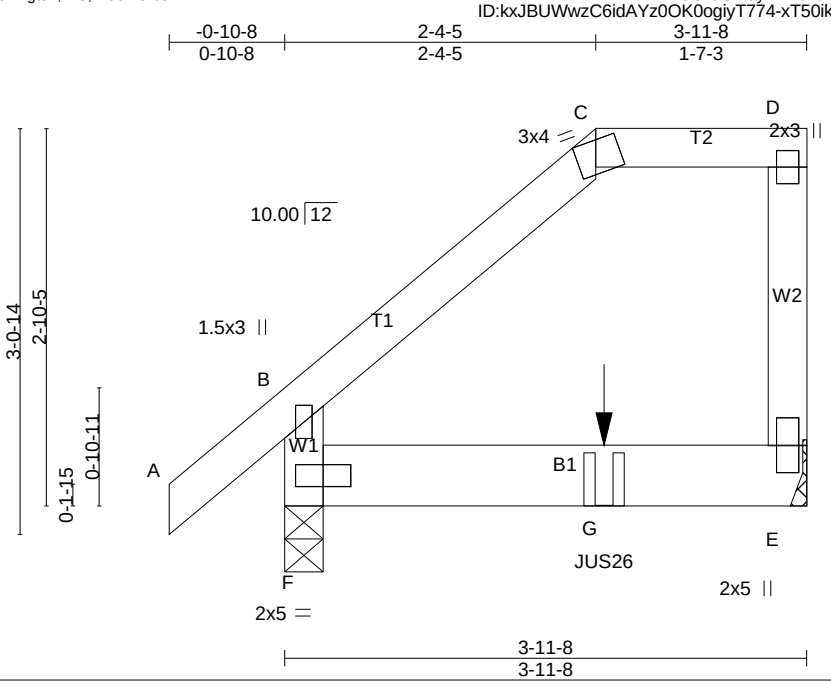

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	0.01	E-F	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	-0.01	E-F	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 22 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals, and 2-0-0 oc purlins: C-D.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) E=210/Mechanical, F=260/0-3-8
Max Horz F=107(LC 5)
Max Uplift E=-99(LC 5), F=-63(LC 8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/39, B-C=-109/32, C-D=-39/40, D-E=-92/52, B-F=-190/65
BOT CHORD F-G=-48/43, E-G=-48/43

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; cantilever left and right exposed ; end vertical left and right exposed; 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) Bearing at joint(s) F considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint E and 63 lb uplift at joint F.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 2-5-1 from the left end to connect truss(es) a18 (1 ply 2x6 SP) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) 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, C-D=-60, E-F=-20
Concentrated Loads (lb)
Vert: G=-115(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	A18	Jack-Open Girder	1	1	Job Reference (optional)

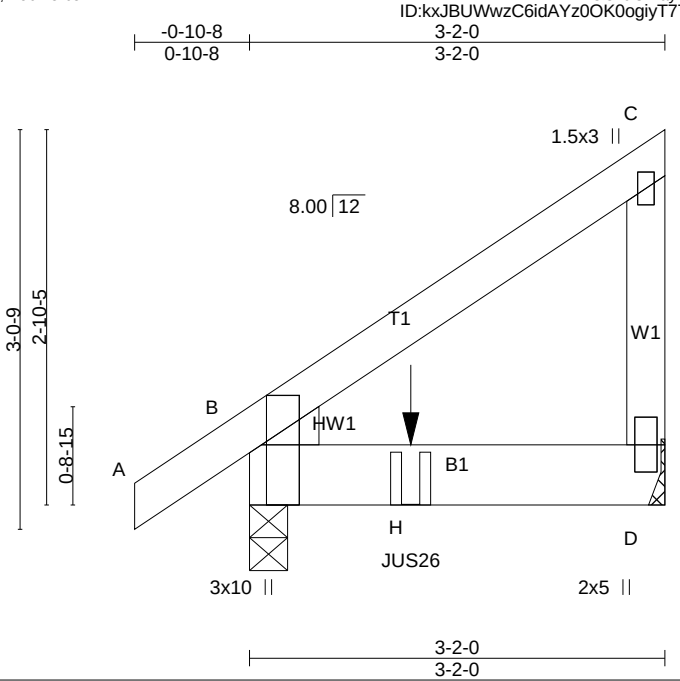

Plate Offsets (X,Y)-- [B:0-0-6,0-0-9], [B:0-0-12,0-4-10], [B:0-5-8,Edge]

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	D-G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.00	D-G	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.01	Horz(CT)	-0.00	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MP							Weight: 19 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) B=213/0-3-8, D=135/Mechanical
Max Horz B=97(LC 8)
Max Uplift B=-32(LC 8), D=-71(LC 8)
Max Grav B=213(LC 1), D=136(LC 29)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/29, B-C=-58/33
BOT CHORD B-H=0/0, D-H=0/0
WEBS C-D=-72/49

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 32 lb uplift at joint B and 71 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) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 1-2-12 from the left end to connect truss(es) a14 (1 ply 2x4 SP) to front face of bottom chord.
7) Fill all nail holes where hanger is in contact with lumber.
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-C=-60, D-E=-20
Concentrated Loads (lb)
Vert: H=-54(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	B1	ROOF SPECIAL GIRDER	1	3	Job Reference (optional)

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

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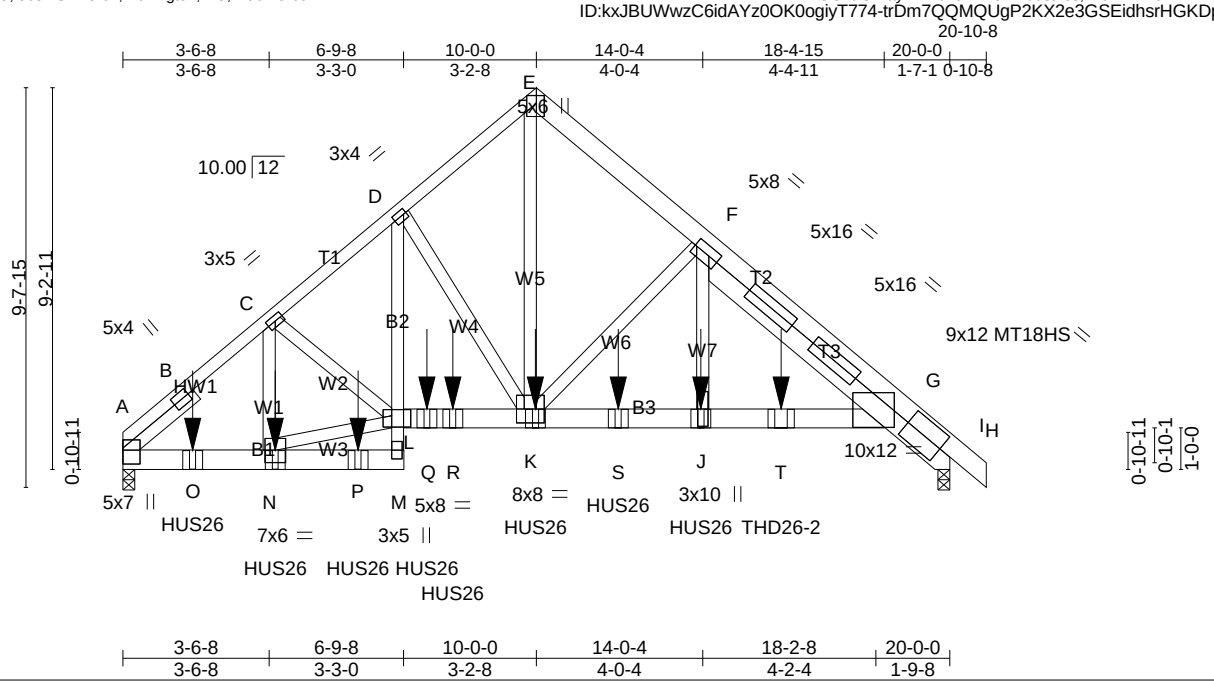

3-6-8	6-9-8	10-0-0	14-0-4	18-2-8	20-0-0
3-6-8	3-3-0	3-2-8	4-0-4	4-2-4	1-9-8

Plate Offsets (X,Y)-- [D:0-0-12,0-1-8], [E:0-2-4,Edge], [F:0-0-8,0-2-8], [G:0-6-0,0-2-10], [H:0-1-12,0-4-8], [L:0-5-8,0-1-12], [M:0-2-8,0-0-0]

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL 1.15	TC	0.69	Vert(LL)	0.13	G-J	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC	0.80	Vert(CT)	-0.22	G-J	>999	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr YES	WB	0.85	Horz(CT)	0.15	H	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-SH							Weight: 523 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP SS *Except*
T1: 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
B2: 2x4 SP No.3, B3: 2x6 SP No.1
WEBS 2x4 SP No.3 *Except*
W5: 2x4 SP No.2
SLIDER Left 2x4 SP No.3 -$ 2-2-15

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=7174/0-3-8, H=5825/0-3-8
Max Horz A=-223(LC 6)
Max UpliftA=-1040(LC 8), H=-1371(LC 9)
Max Grav A=7369(LC 2), H=5825(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-9043/1322, B-C=-9016/1351, C-D=-8852/1532, D-E=-6687/1310, E-F=-6641/1324, F-G=-9089/1955, G-H=-3132/773, H-I=0/22
BOT CHORD A-O=-1049/6634, N-O=-1049/6634, N-P=-102/744, M-P=-102/744, L-M=-88/1137, D-L=-489/4080, L-Q=-1134/6811, Q-R=-1137/6831, K-R=-1140/6852, K-S=-1599/7576, J-S=-1599/7576, J-T=-1582/7534, G-T=-1608/7586
WEBS C-N=-46/416, L-N=-990/6158, C-L=-204/427, D-K=-3305/515, E-K=-1614/8224, F-K=-3741/1237, F-J=-948/3196

NOTES-
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 3 rows staggered at 0-5-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) H considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1040 lb uplift at joint A and 1371 lb uplift at joint H.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Use USP HUS26 (With 14-16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-8-4 from the left end to 13-11-12 to connect truss(es) a1 (1 ply 2x6 SP), a6 (1 ply 2x4 SP), a7 (1 ply 2x4 SP), a8 (1 ply 2x4 SP), a9 (1 ply 2x4 SP), a10 (1 ply 2x4 SP) to front face of bottom chord.
12) Use USP THD26-2 (With 18-16d nails into Girder & 12-10d nails into Truss) or equivalent at 15-11-0 from the left end to connect truss(es) a11 (2 ply 2x6 SP) to front face of bottom chord.
13) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-E=-60, E-G=-60, G-H=-84, H-I=-60, A-M=-20, G-L=-20

Continued on page 2

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: N=-1244(F) K=-1187(F) J=-1187(F) O=-1244(F) P=-1244(F) Q=-1187(F) R=-1187(F) S=-1187(F) T=-1667(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	B2	Roof Special	3	1	Job Reference (optional)

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

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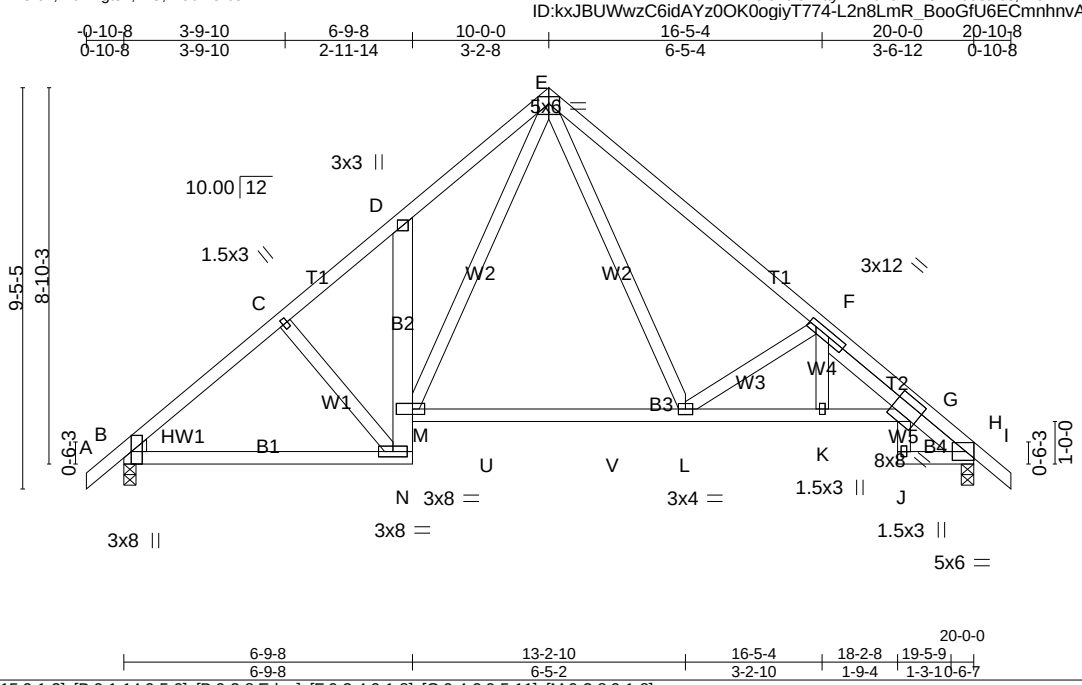

Plate Offsets (X,Y)-- [B:0-0-15,0-1-2], [B:0-1-14,0-5-0], [B:0-3-8,Edge], [F:0-2-4,0-1-8], [G:0-4-0,0-5-11], [M:0-3-8,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.71	Vert(LL)	-0.12	L-M	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.25	L-M	>971	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.14	H	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 131 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
B2: 2x6 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: H-J.

REACTIONS. (lb/size) B=846/0-3-8, H=859/0-3-8
Max Horz B=-225(LC 8)
Max Uplift B=-93(LC 10), H=-93(LC 11)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/34, B-C=-1013/190, C-D=-888/209, D-E=-1092/313, E-F=-1064/235, F-G=-1282/226, G-H=-564/130, H-I=0/39
BOT CHORD B-N=-141/853, M-N=-65/230, D-M=-307/175, M-U=0/600, U-V=0/600, L-V=0/600, K-L=-106/1160, G-K=-108/1159, H-J=-24/0
WEBS G-J=-1/178, C-N=-209/125, E-M=-221/684, E-L=-77/555, F-K=-38/45, F-L=-593/265

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 93 lb uplift at joint B and 93 lb uplift at joint H.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	B3	GABLE	1	1	Job Reference (optional)

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

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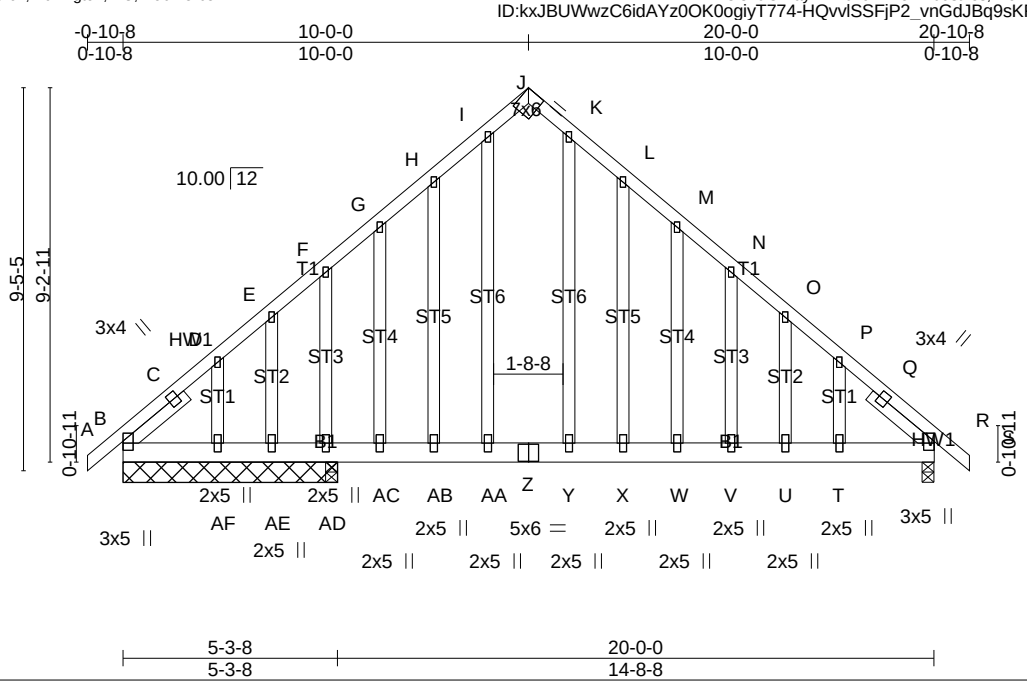

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.66	Vert(LL)	0.25	U-V	>728	240	MT20	244/190
TCDL	18.0	Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.33	V	>541	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	-0.04	R	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 183 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
OTHERS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 -$ 1-11-12, Right 2x4 SP No.3 -$ 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.

REACTIONS. (lb/size) B=765/5-3-8, AD=167/5-3-8, AD=167/5-3-8, AE=162/5-3-8, AF=4/5-3-8, R=955/0-3-8, B=765/5-3-8
Max Horz B=-224(LC 8)
Max Uplift B=-68(LC 11), AD=-209(LC 7), AE=-156(LC 11), AF=-177(LC 10), R=-106(LC 11)
Max Grav B=809(LC 18), AD=343(LC 21), AD=167(LC 1), AE=253(LC 18), AF=152(LC 8), R=955(LC 1), B=765(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/43, B-C=-364/42, C-D=-850/103, D-E=-794/135, E-F=-811/177, F-G=-780/191, G-H=-751/218, H-I=-849/286, I-J=-516/187, J-K=-499/181, K-L=-830/268, L-M=-706/182, M-N=-720/137, N-O=-735/89, O-P=-745/46, P-Q=-723/0, Q-R=-455/52, R-S=0/43
BOT CHORD B-AF=0/542, AE-AF=0/542, AD-AE=0/542, AC-AD=0/542, AB-AC=0/542, AA-AB=0/542, Z-AA=0/542, Y-Z=0/542, X-Y=0/542, W-X=0/542, V-W=0/542, U-V=0/542, T-U=0/542, R-T=0/542
WEBS I-AA=-169/473, H-AB=-255/118, G-AC=-85/62, F-AD=-136/86, E-AE=-128/66, D-AF=-96/123, K-Y=-149/473, L-X=-255/122, M-W=-82/58, N-V=-92/63, O-U=-92/54, P-T=-97/93

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) All plates are 1.5x3 MT20 unless otherwise indicated.
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 68 lb uplift at joint B, 209 lb uplift at joint AD, 156 lb uplift at joint AE, 177 lb uplift at joint AF, 106 lb uplift at joint R and 68 lb uplift at joint B.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	C1	GABLE	1	1	Job Reference (optional)

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

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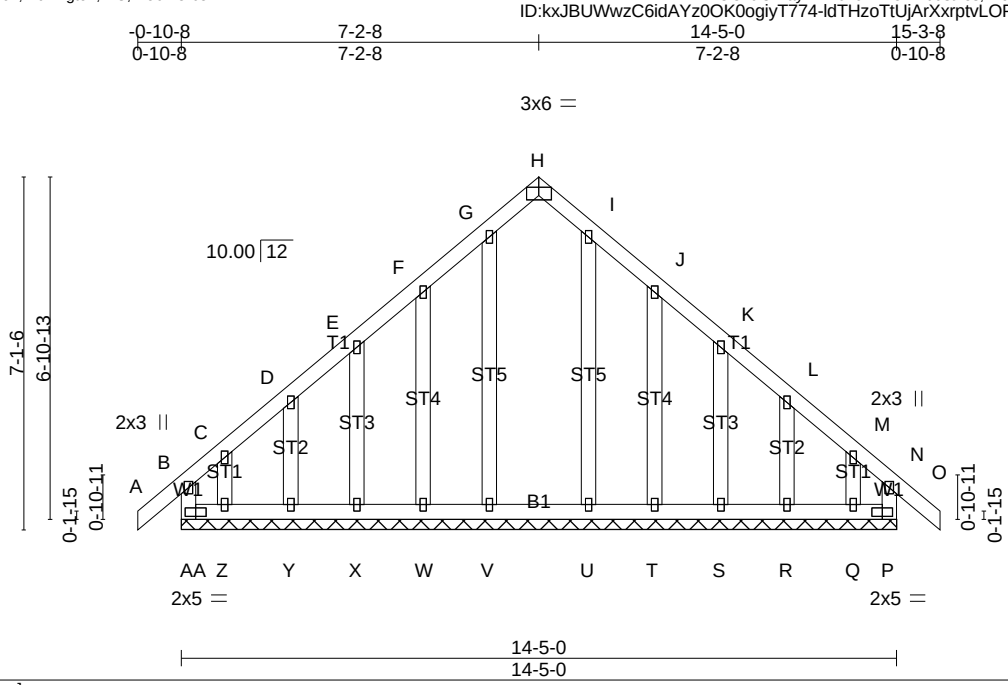

Plate Offsets (X,Y)-- [H:0-3-0,Edge]

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	0.16	Vert(LL)	-0.00	O	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.00	O	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	P	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-R							Weight: 104 lb	FT = 20%

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

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

REACTIONS. (lb/size) AA=148/14-5-0, P=148/14-5-0, V=131/14-5-0, W=99/14-5-0, X=106/14-5-0, Y=115/14-5-0, Z=28/14-5-0, U=131/14-5-0, T=99/14-5-0, S=106/14-5-0, R=115/14-5-0, Q=28/14-5-0
Max Horz AA=191(LC 9)
Max Uplift AA=-100(LC 8), P=-70(LC 9), W=-82(LC 10), X=-56(LC 10), Y=-42(LC 10), Z=-193(LC 10), T=-84(LC 11), S=-55(LC 11), R=-43(LC 11), Q=-184(LC 11)
Max Grav AA=221(LC 19), P=210(LC 20), V=139(LC 20), W=110(LC 17), X=118(LC 17), Y=116(LC 17), Z=156(LC 8), U=133(LC 19), T=114(LC 18), S=118(LC 18), R=118(LC 18), Q=138(LC 9)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD B-AA=-163/101, A-B=0/39, B-C=-202/130, C-D=-120/92, D-E=-86/72, E-F=-74/63, F-G=-102/123, G-H=-93/98, H-I=-93/98, I-J=-102/123, J-K=-58/54, K-L=-70/51, L-M=-111/71, M-N=-189/130, N-O=0/39, N-P=-152/101
BOT CHORD Z-AA=-90/165, Y-Z=-90/165, X-Y=-90/165, W-X=-90/165, V-W=-90/165, U-V=-90/165, T-U=-90/165, S-T=-90/165, R-S=-90/165, Q-R=-90/165, P-Q=-90/165
WEBS G-V=-104/7, F-W=-120/103, E-X=-94/69, D-Y=-96/70, C-Z=-133/118, I-U=-97/0, J-T=-120/103, K-S=-94/69, L-R=-96/70, M-Q=-133/114

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) Truss designed for wind loads in the plane of the truss only.
4) All plates are 1.5x3 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 1-4-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Bearing at joint(s) AA, P considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint AA, 70 lb uplift at joint P, 82 lb uplift at joint W , 56 lb uplift at joint X, 42 lb uplift at joint Y, 193 lb uplift at joint Z, 84 lb uplift at joint T, 55 lb uplift at joint S, 43 lb uplift at joint R and 184 lb uplift at joint Q.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	D1	Monopitch	7	1	Job Reference (optional)

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

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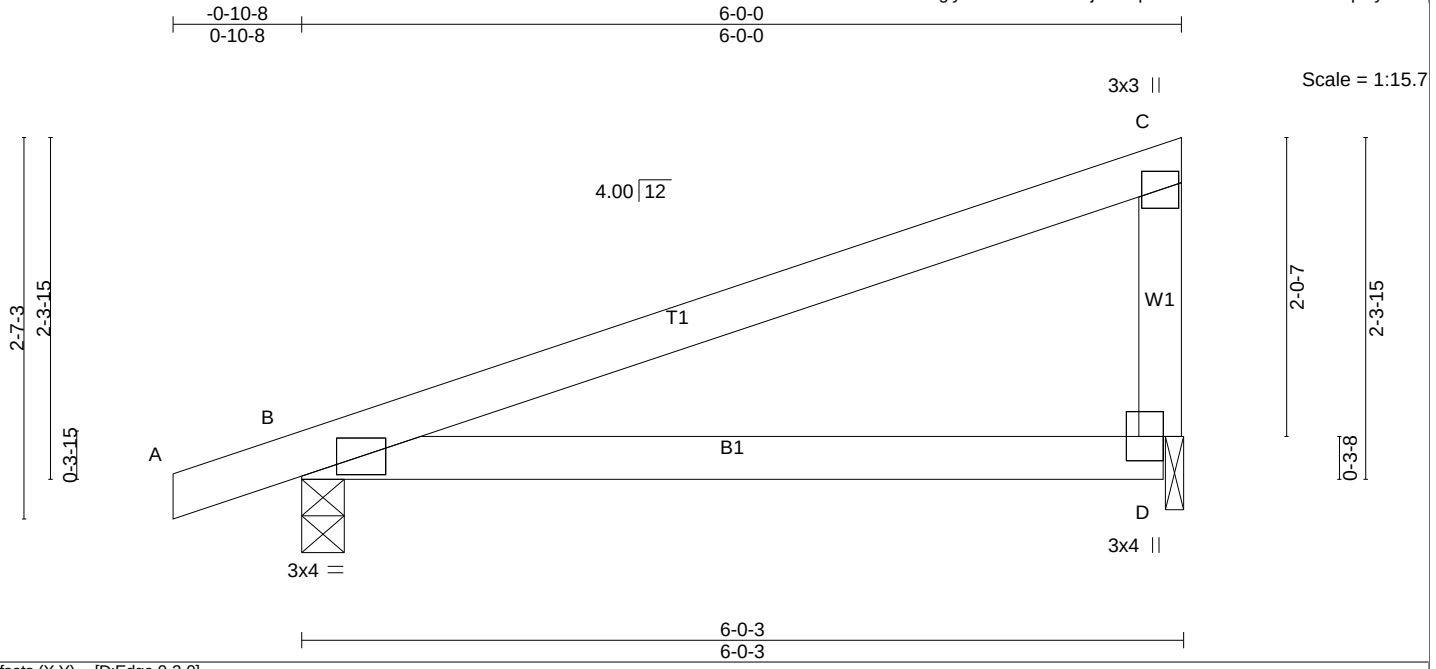

Plate Offsets (X,Y)-- [D:Edge,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	-0.04	D-G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.09	D-G	>819	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 22 lb	FT = 20%

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

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

REACTIONS. (lb/size) B=291/0-3-8, D=230/0-1-8
Max Horz B=89(LC 9)
Max Uplift B=-74(LC 6), D=-48(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/17, B-C=-118/40, C-D=-143/104
BOT CHORD B-D=-21/80

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) D considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) D.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 74 lb uplift at joint B and 48 lb uplift at joint D.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	D1A	Monopitch Supported Gable	1	1	Job Reference (optional)

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

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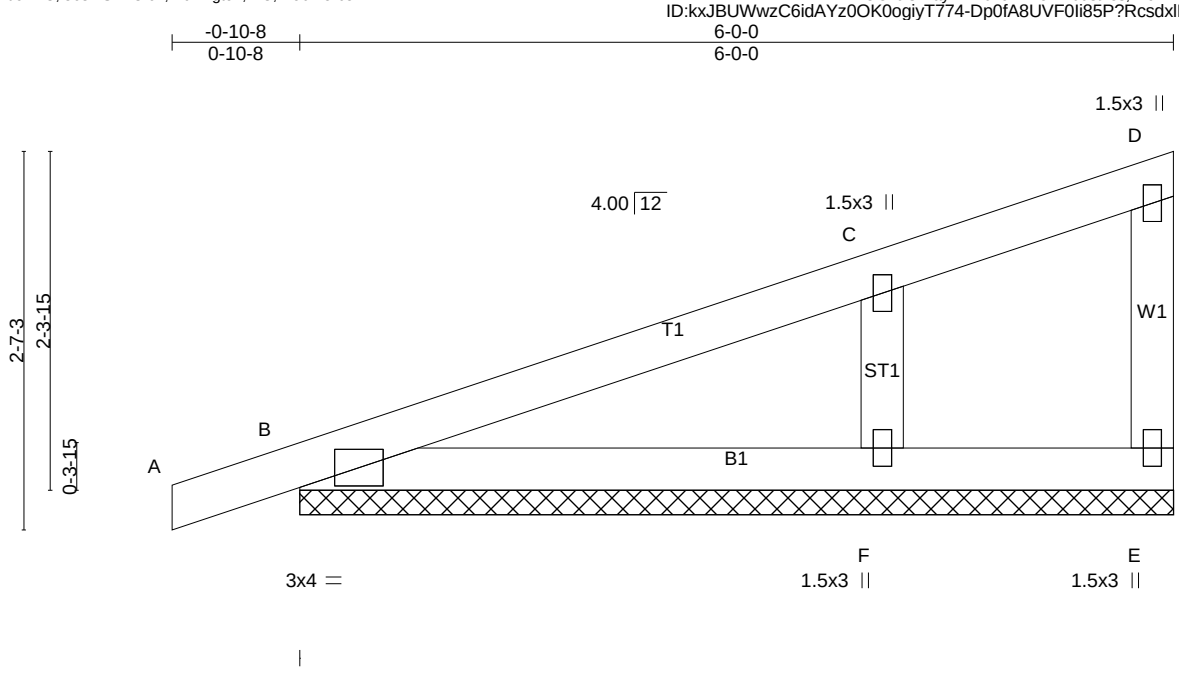

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.00	A	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	0.00	A	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 24 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) E=11/6-0-0, B=189/6-0-0, F=321/6-0-0
Max Horz B=89(LC 7)
Max Uplift E=-8(LC 9), B=-52(LC 6), F=-74(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/15, B-C=-64/45, C-D=-45/34, D-E=-15/10
BOT CHORD B-F=-38/39, E-F=-38/39
WEBS C-F=-226/176

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 8 lb uplift at joint E, 52 lb uplift at joint B and 74 lb uplift at joint F.
8) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) B.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	D2	Half Hip Girder	1	1	Job Reference (optional)

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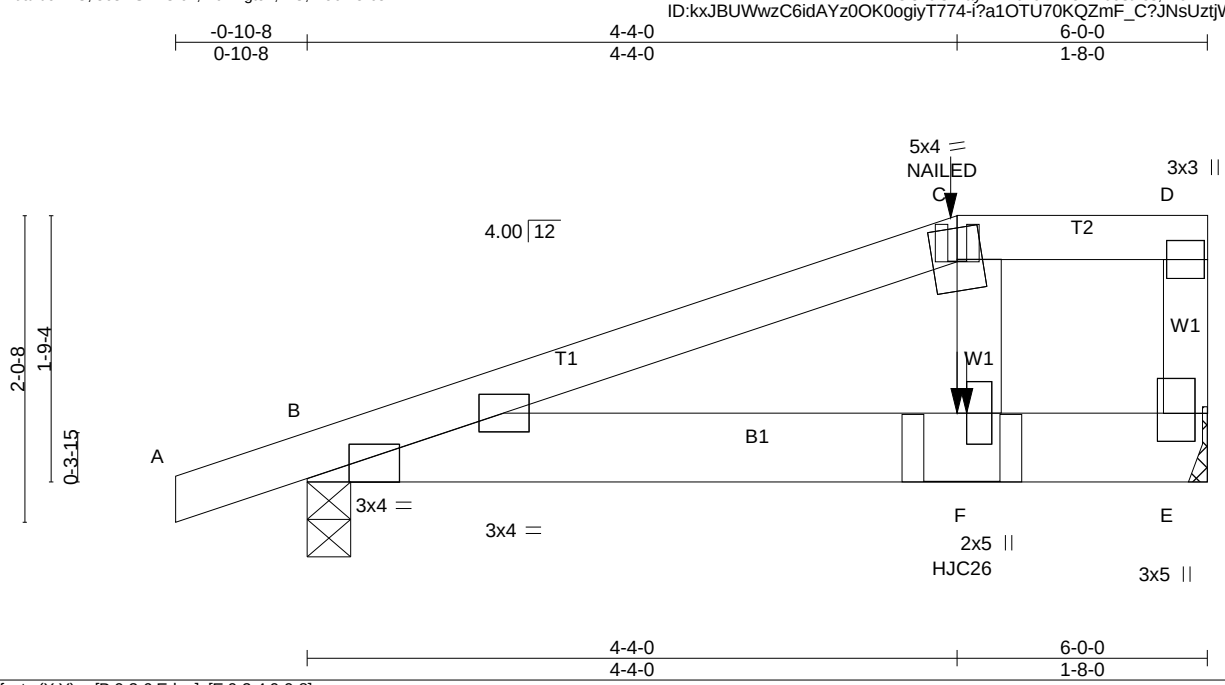

Plate Offsets (X,Y)-- [B:0-3-6,Edge], [E:0-2-4,0-0-8]

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)	-0.03	F-H	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.37	Vert(CT)	-0.05	F-H	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.02	Horz(CT)	0.00	E	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 28 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 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, and 2-0-0 oc purlins: C-D.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) E=444/Mechanical, B=367/0-3-8
Max Horz B=66(LC 5)
Max Uplift E=-94(LC 4), B=-101(LC 4)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/19, B-C=-230/47, C-D=-192/53, D-E=-123/33
BOT CHORD B-F=-49/196, E-F=-44/192
WEBS C-F=-42/51

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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 94 lb uplift at joint E and 101 lb uplift at joint B.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
8) Use USP HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent at 4-4-6 from the left end to connect truss(es) D4 (1 ply 2x4 SP), D6 (1 ply 2x4 SP) to back face of bottom chord.
9) Fill all nail holes where hanger is in contact with lumber.
10) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
11) 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-C=-60, C-D=-60, B-E=-20
Concentrated Loads (lb)
Vert: C=-48(B) F=-244(B)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	D3	Monopitch Girder	1	1	Job Reference (optional)

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

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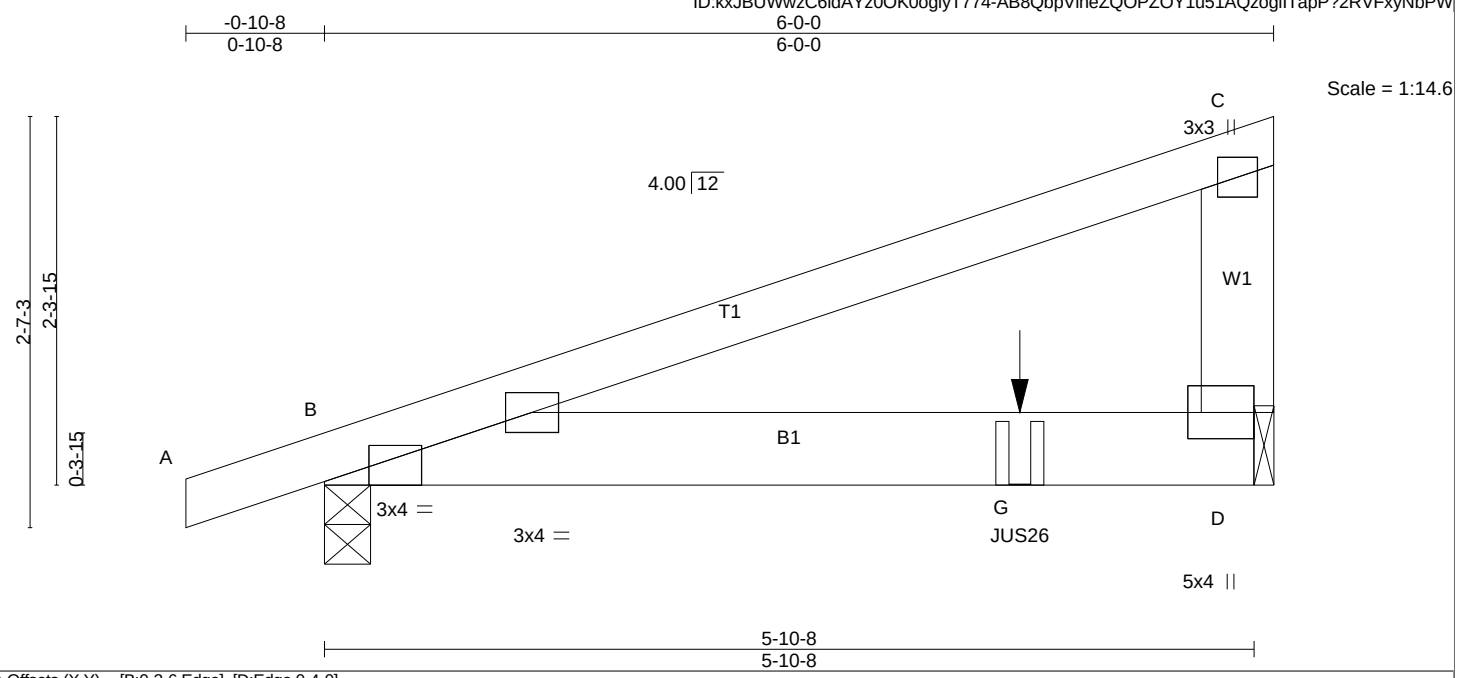

Plate Offsets (X,Y)-- [B:0-3-6,Edge], [D:Edge,0-4-0]

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	0.33	Vert(LL)	-0.03	D-F	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.06	D-F	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	D	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 28 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x6 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) D=539/Mechanical, B=395/0-3-8
Max Horz B=86(LC 20)
Max UpliftD=-127(LC 8), B=-106(LC 4)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/19, B-C=-216/45, C-D=-97/58
BOT CHORD B-G=-47/180, D-G=-47/180

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 127 lb uplift at joint D and 106 lb uplift at joint B.
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) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 4-4-12 from the left end to connect truss(es) D2 (1 ply 2x6 SP) to front face of bottom chord.
7) Fill all nail holes where hanger is in contact with lumber.
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-C=-60, B-D=-20
Concentrated Loads (lb)
Vert: G=-424(F)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	D4	Jack-Open	1	1	Job Reference (optional)

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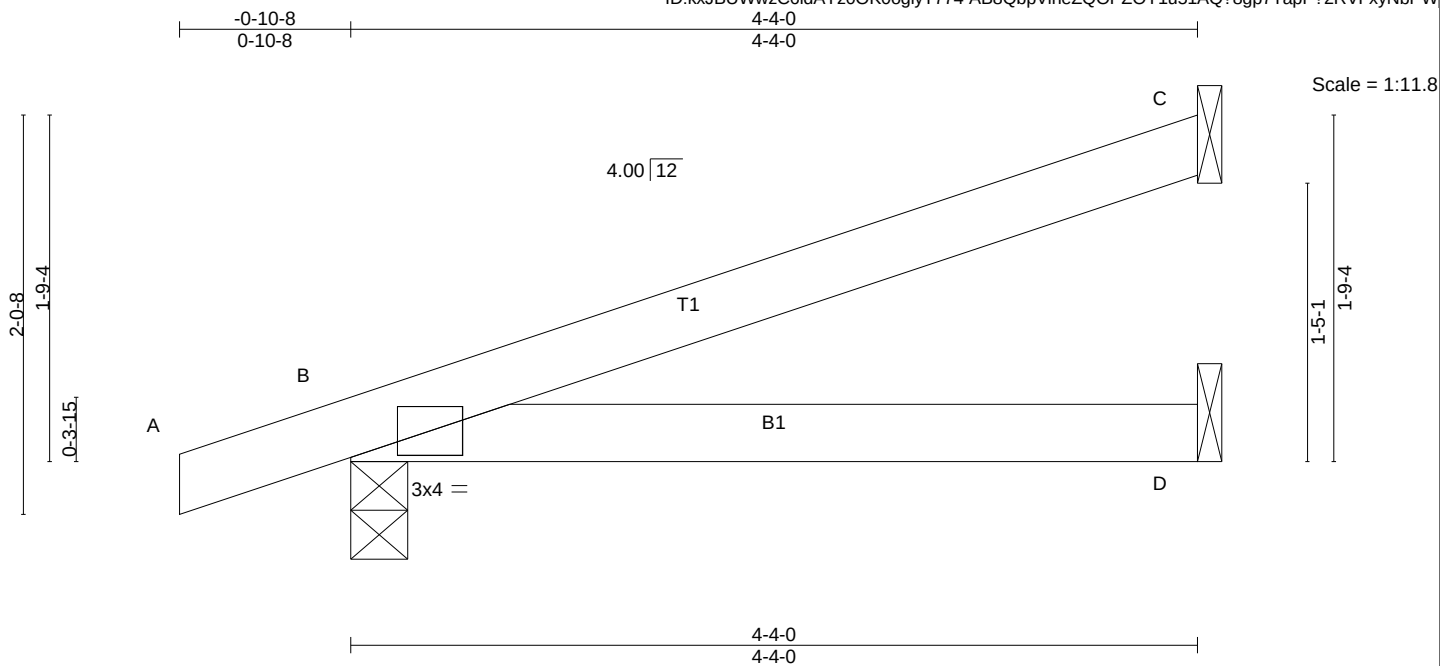

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	-0.02	D-G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.21	Vert(CT)	-0.03	D-G	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MP							Weight: 15 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 4-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) C=108/Mechanical, B=229/0-3-8, D=57/Mechanical
Max Horz B=70(LC 6)
Max Uplift C=-47(LC 10), B=-60(LC 6)
Max Grav C=108(LC 1), B=229(LC 1), D=77(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/17, B-C=-39/28
BOT CHORD B-D=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 47 lb uplift at joint C and 60 lb uplift at joint B.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	D5	Jack-Open	2	1	Job Reference (optional)

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

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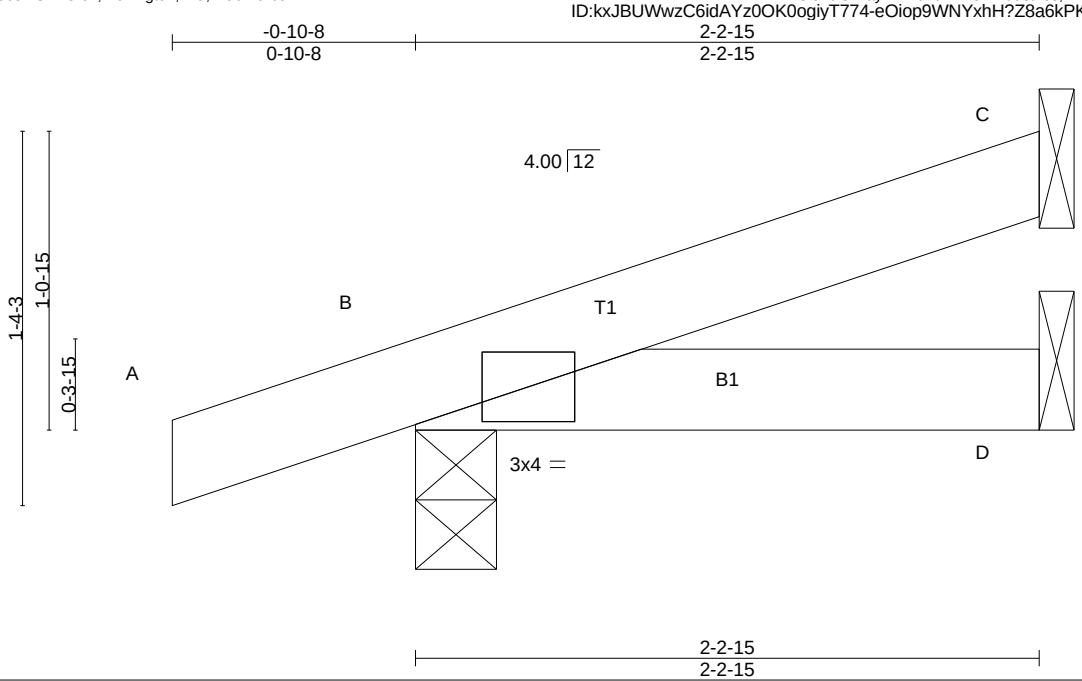

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	-0.00	G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	-0.00	G	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MP							Weight: 8 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) C=49/Mechanical, B=150/0-3-8, D=28/Mechanical
Max Horz B=43(LC 6)
Max Uplift C=-20(LC 10), B=-53(LC 6)
Max Grav C=49(LC 1), B=150(LC 1), D=37(LC 3)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/17, B-C=-16/13
BOT CHORD B-D=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 20 lb uplift at joint C and 53 lb uplift at joint B.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	D6	Diagonal Hip Girder	1	1	Job Reference (optional)

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

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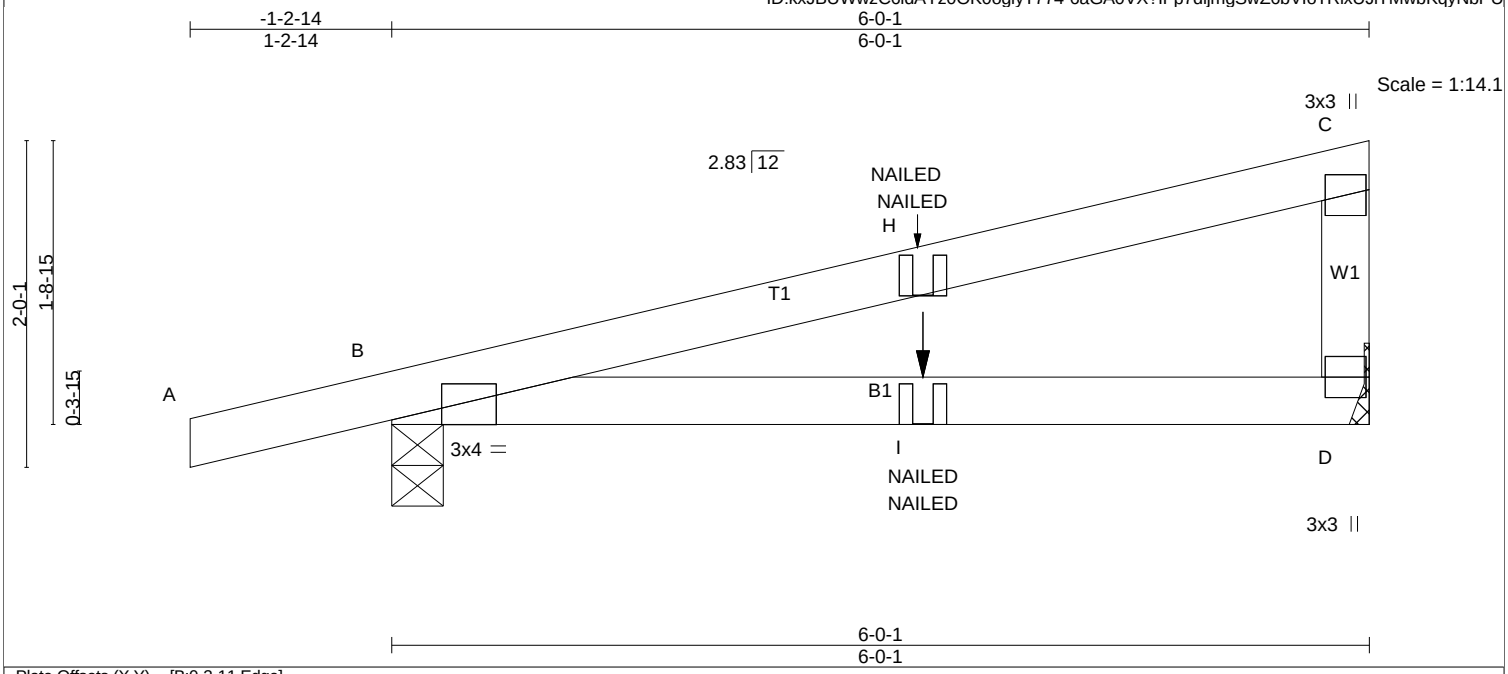

Plate Offsets (X,Y)-- [B:0-3-11,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.42	Vert(LL)	-0.04	D-G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.09	D-G	>817	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MSH							Weight: 22 lb	FT = 20%

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

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

REACTIONS. (lb/size) D=235/Mechanical, B=323/0-3-13
Max Horz B=62(LC 7)
Max UpliftD=-43(LC 8), B=-94(LC 4)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/17, B-H=-144/15, C-H=-121/22, C-D=-140/58
BOT CHORD B-I=-14/121, D-I=-14/121

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 43 lb uplift at joint D and 94 lb uplift at joint B.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
6) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: A-C=-60, D-E=-20
Concentrated Loads (lb)
Vert: I=-16(F=-8, B=-8)

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	E1	Monopitch	2	1	Job Reference (optional)

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

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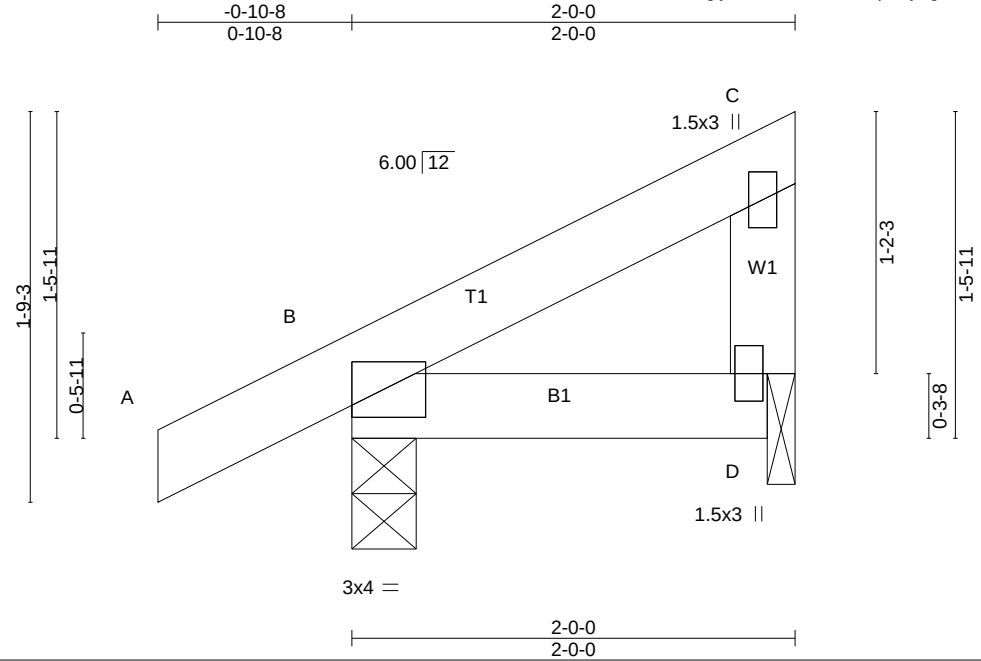

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	-0.00	G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	-0.00	G	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MP							Weight: 9 lb	FT = 20%

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

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

REACTIONS. (lb/size) B=139/0-3-8, D=62/0-1-8
Max Horz B=49(LC 9)
Max Uplift B=-31(LC 10), D=-15(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/23, B-C=-35/17, C-D=-43/29
BOT CHORD B-D=-20/22

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) D considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) D.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint B and 15 lb uplift at joint D.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	E2	Monopitch Supported Gable	2	1	Job Reference (optional)

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

8.310 s May 22 2019 MiTek Industries, Inc. Fri Nov 1 11:22:08 2019 Page 1
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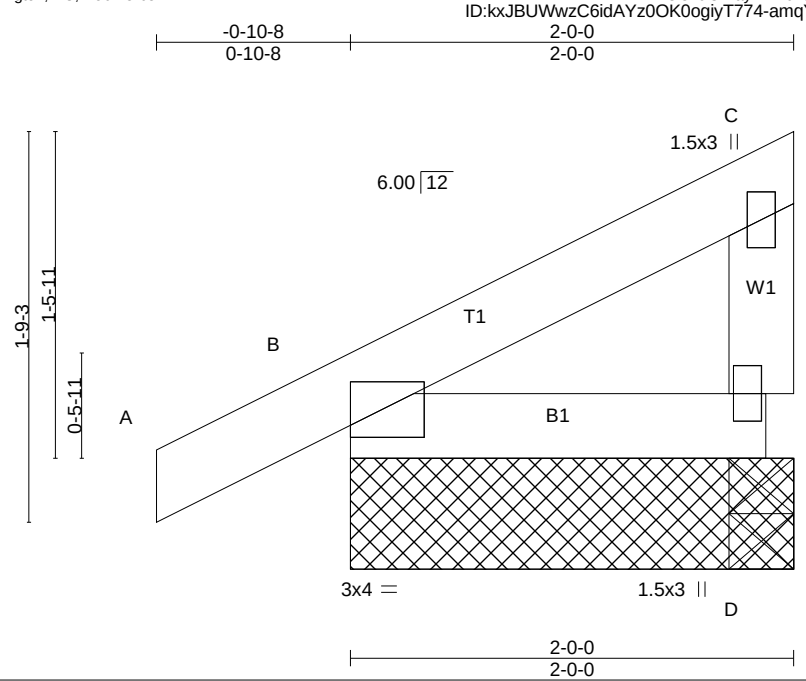

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	-0.00	B	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	-0.00	B-D	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	D	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 9 lb	FT = 20%

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

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

REACTIONS. (lb/size) D=62/2-0-0, D=62/2-0-0, B=139/2-0-0
Max Horz B=48(LC 7)
Max UpliftD=-15(LC 10), B=-31(LC 10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/16, B-C=-46/18, C-D=-43/36
BOT CHORD B-D=-20/22

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 15 lb uplift at joint D and 31 lb uplift at joint B.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	P1	GABLE	1	1	Job Reference (optional)

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

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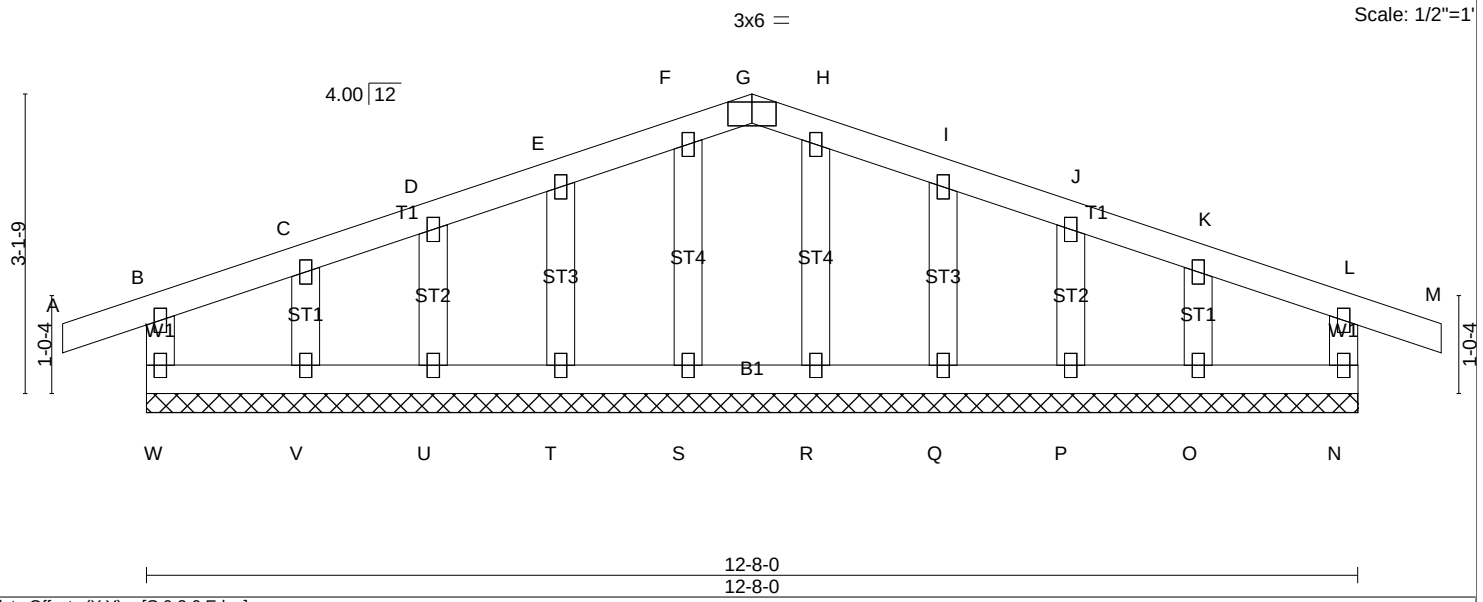

Plate Offsets (X,Y)-- [G:0-3-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	-0.00	M	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	-0.00	M	n/r	90		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	N	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-R							Weight: 63 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=129/12-8-0, N=129/12-8-0, S=110/12-8-0, T=106/12-8-0, U=107/12-8-0, V=104/12-8-0, R=110/12-8-0, Q=106/12-8-0, P=107/12-8-0, O=104/12-8-0
Max Horz W=-15(LC 15)
Max Uplift W=-51(LC 6), N=-52(LC 7), T=-32(LC 10), U=-24(LC 6), V=-37(LC 10), Q=-32(LC 11), P=-24(LC 7), O=-36(LC 11)
Max Grav W=132(LC 21), N=132(LC 22), S=110(LC 1), T=107(LC 21), U=108(LC 21), V=104(LC 1), R=110(LC 1), Q=107(LC 22), P=108(LC 22), O=104(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/19, B-C=-21/29, C-D=-28/49, D-E=-35/71, E-F=-44/95, F-G=-46/101, G-H=-46/101, H-I=-44/95, I-J=-35/71, J-K=-28/49, K-L=-20/29, L-M=0/19, B-W=-118/100, L-N=-118/100
BOT CHORD V-W=-11/41, U-V=-11/41, T-U=-11/41, S-T=-11/41, R-S=-11/41, Q-R=-11/41, P-Q=-11/41, O-P=-11/41, N-O=-11/41
WEBS F-S=-83/14, E-T=-80/61, D-U=-82/54, C-V=-73/49, H-R=-83/13, I-Q=-80/61, J-P=-82/54, K-O=-73/49

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) All plates are 1.5x3 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 1-4-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 51 lb uplift at joint W, 52 lb uplift at joint N, 32 lb uplift at joint T, 24 lb uplift at joint U, 37 lb uplift at joint V, 32 lb uplift at joint Q, 24 lb uplift at joint P and 36 lb uplift at joint O.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	P2	COMMON	5	1	Job Reference (optional)

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

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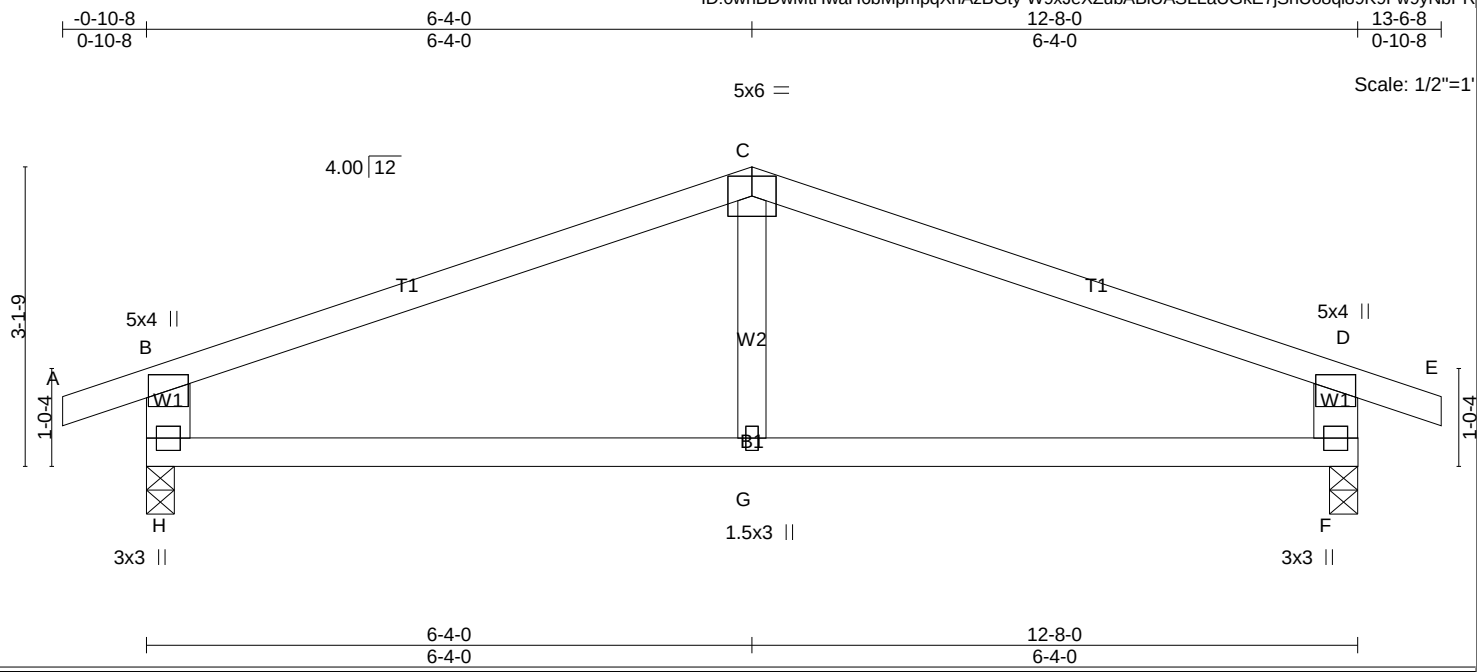

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.72	Vert(LL)	-0.05	G-H	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.37	Vert(CT)	-0.11	G-H	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.01	F	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-MR							Weight: 48 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x6 SP No.2 *Except*
W2: 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=555/0-3-8, F=555/0-3-8
Max Horz H=-14(LC 15)
Max Uplift H=-112(LC 6), F=-112(LC 7)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=0/21, B-C=-629/196, C-D=-629/196, D-E=0/21, B-H=-475/236, D-F=-475/236
BOT CHORD G-H=-70/527, F-G=-70/527
WEBS C-G=0/223

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 112 lb uplift at joint H and 112 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

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	V1	Valley	1	1	Job Reference (optional)

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

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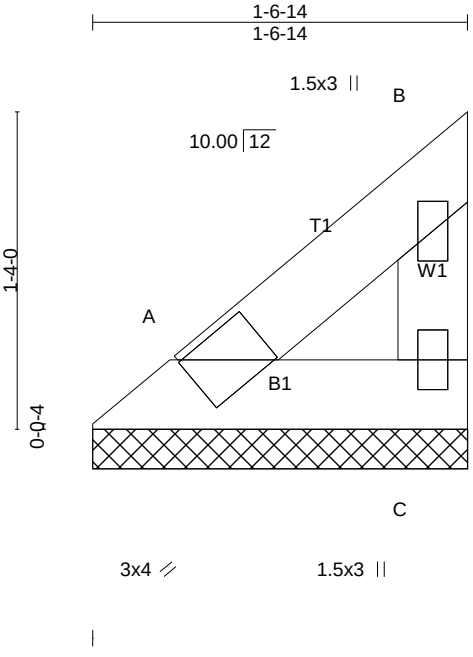

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 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 1-7-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=42/1-6-14, C=42/1-6-14
Max Horz A=33(LC 7)
Max Uplift C=-15(LC 10)
Max Grav A=43(LC 18), C=49(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-30/23, B-C=-38/21
BOT CHORD A-C=-16/17

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 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

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	V2	Valley	1	1	Job Reference (optional)

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

8.310 s May 22 2019 MiTek Industries, Inc. Fri Nov 1 11:22:11 2019 Page 1
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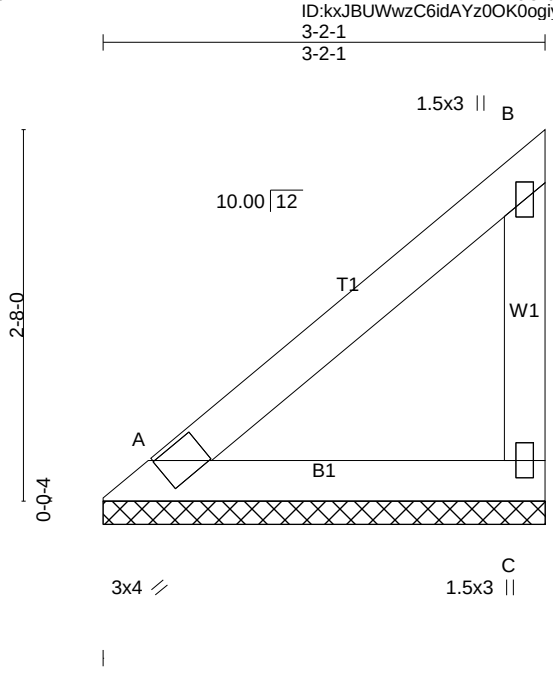

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 13 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=106/3-2-1, C=106/3-2-1
Max Horz A=83(LC 9)
Max Uplift A=-1(LC 10), C=-38(LC 10)
Max Grav A=108(LC 18), C=123(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-75/59, B-C=-96/54
BOT CHORD A-C=-40/44

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 1 lb uplift at joint A and 38 lb uplift at joint C.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	V3	Valley	1	1	Job Reference (optional)

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

8.310 s May 22 2019 MiTek Industries, Inc. Fri Nov 1 11:22:12 2019 Page 1
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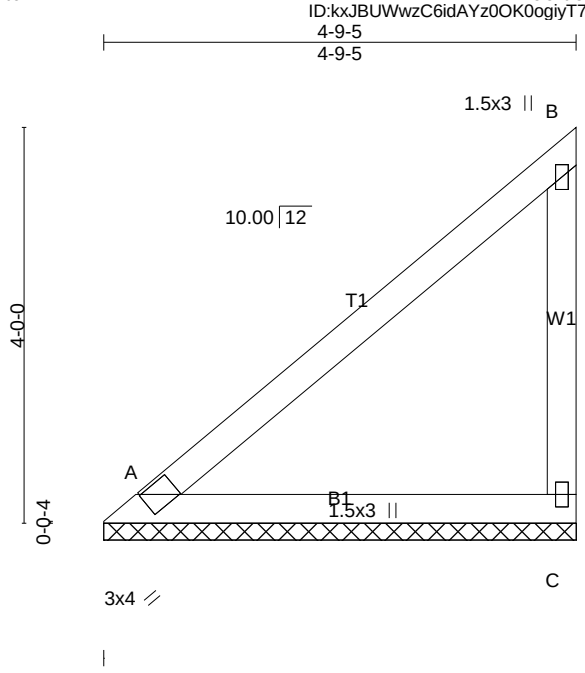

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.36	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	C	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-P							Weight: 21 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) A=170/4-9-5, C=170/4-9-5
Max Horz A=134(LC 7)
Max Uplift A=-2(LC 10), C=-60(LC 10)
Max Grav A=173(LC 18), C=197(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-120/95, B-C=-154/86
BOT CHORD A-C=-65/70

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 2 lb uplift at joint A and 60 lb uplift at joint C.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	DANIELS CLASSIC
19093225	V4	Valley	1	1	Job Reference (optional)

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

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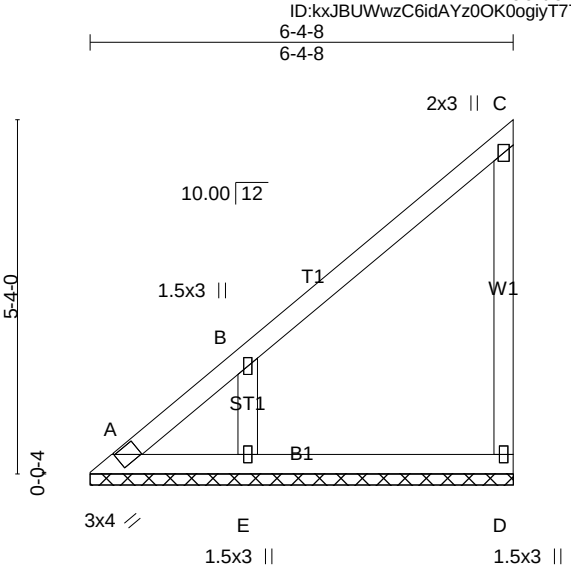

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	-0.00	D	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 30 lb	FT = 20%

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

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

REACTIONS. (lb/size) A=35/6-4-8, D=131/6-4-8, E=302/6-4-8
Max Horz A=184(LC 7)
Max Uplift A=-47(LC 8), D=-54(LC 7), E=-156(LC 10)
Max Grav A=114(LC 7), D=158(LC 17), E=331(LC 17)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-B=-183/129, B-C=-150/85, C-D=-121/69
BOT CHORD A-E=-80/91, D-E=-80/91
WEBS B-E=-272/207

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 47 lb uplift at joint A, 54 lb uplift at joint D and 156 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