Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FG1	Floor Girder	1	1	Job Reference (optional)

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

Run: 8.330 s Apr 7 2020 Print: 8.330 s Apr 7 2020 MiTek Industries, Inc. Fri Jul 17 08:22:37 2020 Page 1
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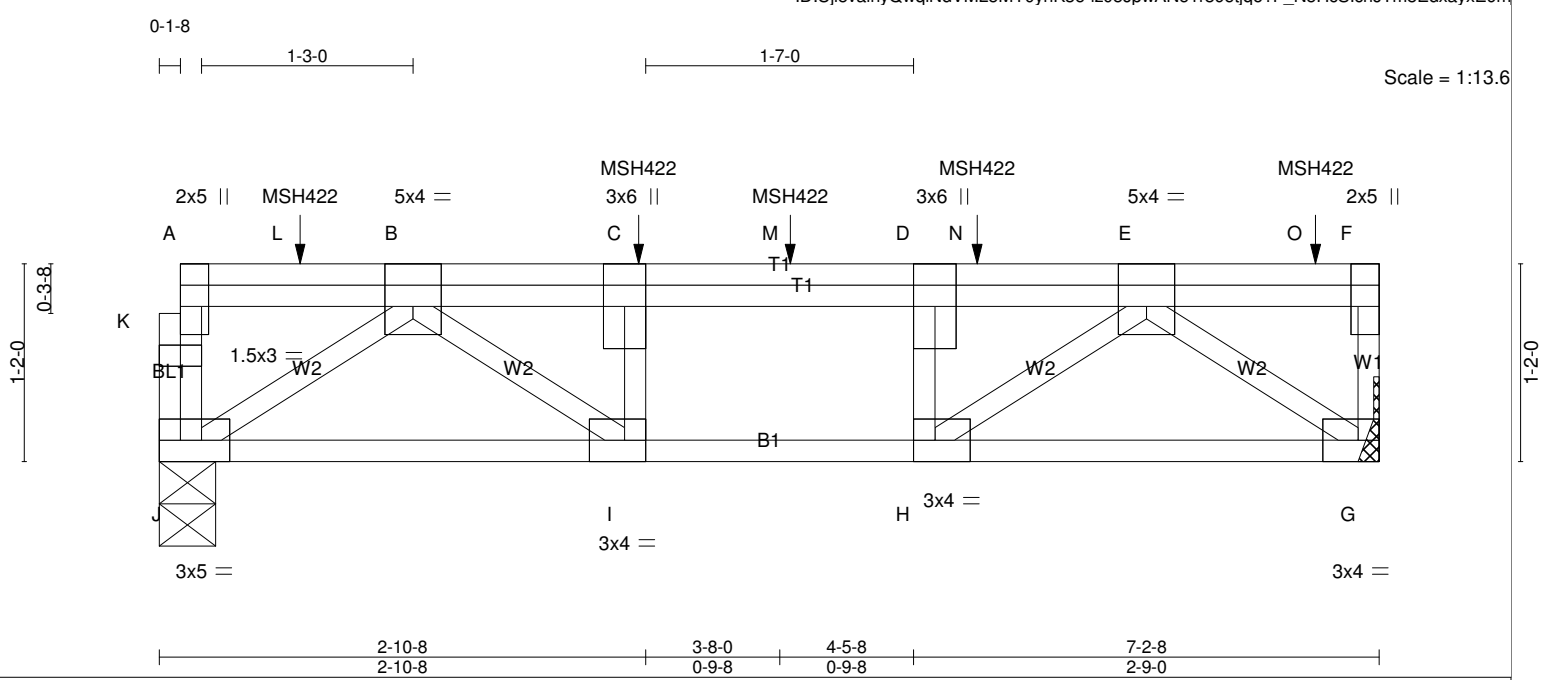

Plate Offsets (X,Y)-- [B:0-2-0,Edge], [D:0-3-0,0-0-0], [E:0-2-0,Edge], [F:0-3-0,Edge], [H:0-1-8,Edge], [I:0-1-8,Edge], [J:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.25	Vert(LL)	-0.02	H-I	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.56	Vert(CT)	-0.04	I	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.46	Horz(CT)	0.02	G	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 46 lb	FT = 20%F, 12%E

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

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) J=1084/0-4-0 (min. 0-1-8), G=1179/Mechanical

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD J-K=-211/0, A-K=-211/0, F-G=-303/0, A-L=-13/0, B-L=-13/0, B-C=-1893/0, C-M=-1893/0, D-M=-1893/0, D-N=-1893/0, E-N=-1893/0, E-O=0/0, F-O=0/0
BOT CHORD I-J=0/1221, H-I=0/1893, G-H=0/1157
WEBS E-G=-1443/0, B-J=-1482/0, E-H=0/969, B-I=0/880, C-I=-502/0, D-H=-553/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.
5) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent at 3-8-12 from the left end to connect truss(es) FG2 (1 ply 2x4 SP) to front face of top chord.
6) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-10-0 from the left end to 6-10-0 to connect truss(es) FT3 (1 ply 2x4 SP) to back face of top 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 + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: G-J=-10, A-F=-120
Concentrated Loads (lb)
Vert: C=-286(B) L=-307(B) M=-153(F) N=-286(B) O=-327(B)

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FG2	Floor Girder	1	1	Job Reference (optional)

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

Run: 8.330 s Apr 7 2020 Print: 8.330 s Apr 7 2020 MiTek Industries, Inc. Fri Jul 17 08:22:37 2020 Page 1
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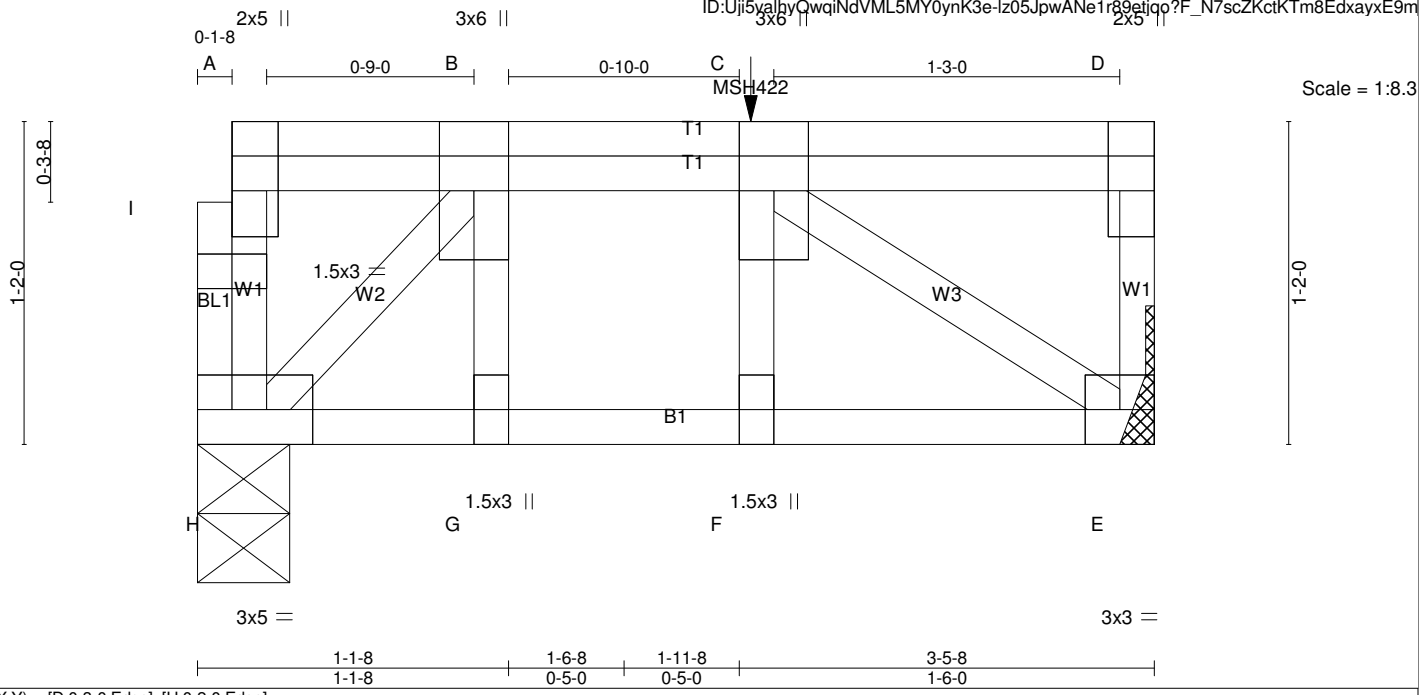

Plate Offsets (X,Y)-- [D:0-3-0,Edge], [H:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.09	Vert(LL)	-0.00	F	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.11	Vert(CT)	-0.00	F	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.08	Horz(CT)	0.00	E	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 25 lb	FT = 20%F, 12%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) H=249/0-4-0 (min. 0-1-8), E=273/Mechanical

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD H-I=-17/30, A-I=-17/30, D-E=-100/0, A-B=-1/2, B-C=-232/0, C-D=0/0
BOT CHORD G-H=0/232, F-G=0/232, E-F=0/232
WEBS C-E=-285/0, B-H=-335/0, B-G=0/35, C-F=-11/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.
5) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent at 2-0-0 from the left end to connect truss(es) FT12 (1 ply 2x4 SP) to back face of top chord.
6) Fill all nail holes where hanger is in contact with lumber.
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 + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: E-H=-10, A-D=-120
Concentrated Loads (lb)
Vert: C=-105(B)

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT1A	FLOOR	5	1	Job Reference (optional)

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

Run: 8.330 s Apr 7 2020 Print: 8.330 s Apr 7 2020 MiTek Industries, Inc. Fri Jul 17 08:22:38 2020 Page 1
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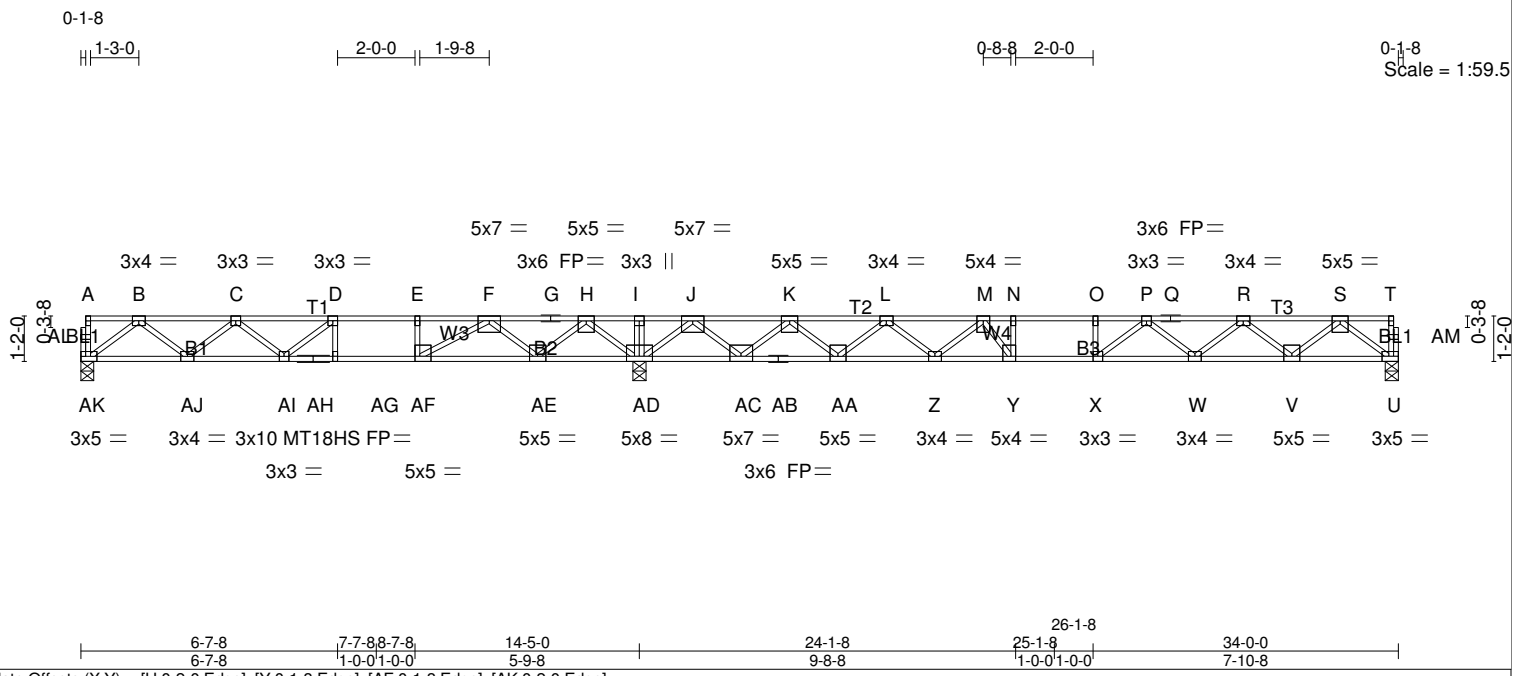

Plate Offsets (X,Y)-- [U:0-2-0,Edge], [Y:0-1-8,Edge], [AF:0-1-8,Edge], [AK:0-2-0,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.69	Vert(LL)	-0.27	X-Y	>851	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.82	Vert(CT)	-0.43	X-Y	>543	360	MT18HS	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.06	U	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 167 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP SS(flat)
BOT CHORD 2x4 SP SS(flat)
WEBS 2x4 SP No.3(flat)

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) AK=657/0-4-0 (min. 0-1-8), AD=2652/0-4-0 (min. 0-1-8), U=1063/0-4-0 (min. 0-1-8)
Max Grav AK=780(LC 3), AD=2652(LC 1), U=1093(LC 4)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD AK-AL=-57/0, A-AL=-57/0, U-AM=-47/0, T-AM=-47/0, A-B=-3/0, B-C=-1521/0, C-D=-2182/0, D-E=-2114/412, E-F=-2114/412, F-G=-257/1818, G-H=-257/1818, H-I=0/3612, I-J=0/3612, J-K=-57/628, K-L=-2285/0, L-M=-3702/0, M-N=-4408/0, N-O=-4408/0, O-P=-4408/0, P-Q=-3728/0, Q-R=-3728/0, R-S=-2301/0, S-T=-3/0
BOT CHORD AJ-AK=0/945, AI-AJ=0/2079, AH-AI=-412/2114, AG-AH=-412/2114, AF-AG=-412/2114, AE-AF=-1258/1143, AD-AE=-2333/0, AC-AD=-1807/0, AB-AC=-88/1355, AA-AB=-88/1355, Z-AA=0/3179, Y-Z=0/4213, X-Y=0/4408, W-X=0/4210, V-W=0/3206, U-V=0/1365
WEBS D-AG=-393/0, E-AF=-483/0, N-Y=-484/0, O-X=-249/26, I-AD=-129/0, B-AK=-1182/0, B-AJ=0/750, C-AJ=-726/0, C-AI=-251/134, D-AI=0/610, H-AD=-1815/0, H-AE=0/1279, F-AE=-1370/0, F-AF=0/1574, J-AD=-2264/0, J-AC=0/1761, K-AC=-1740/0, S-U=-1709/0, S-V=0/1218, R-V=-1178/0, R-W=0/680, P-W=-627/0, P-X=-194/507, K-AA=0/1261, L-AA=-1211/0, L-Z=0/725, M-Z=-726/0, M-Y=0/789

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) All plates are 1.5x3 MT20 unless otherwise indicated.
4) 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.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT2	Floor	1	1	Job Reference (optional)

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

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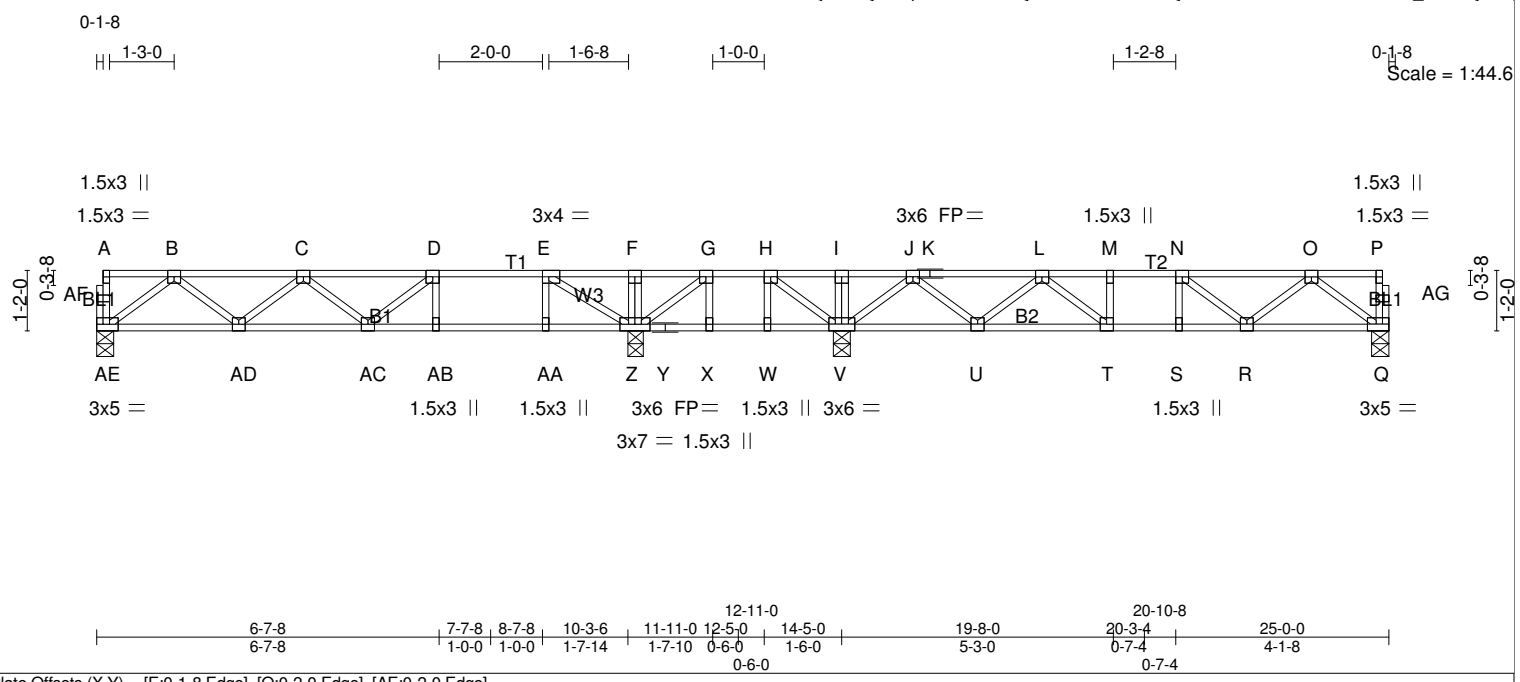

Plate Offsets (X,Y)-- [E:0-1-8,Edge], [Q:0-2-0,Edge], [AE:0-2-0,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.51	Vert(LL)	-0.16	AB-AC	>795	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.71	Vert(CT)	-0.25	AB-AC	>497	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.03	Q	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 127 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP SS(flat)
BOT CHORD 2x4 SP SS(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) AE=690/0-4-0 (min. 0-1-8), Z=727/0-3-8 (min. 0-1-8), V=1152/0-4-0 (min. 0-1-8), Q=634/0-4-0 (min. 0-1-8)
Max Grav AE=703(LC 3), Z=773(LC 3), V=1157(LC 11), Q=639(LC 13)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD AE-AF=-54/0, A-AF=-54/0, Q-AG=-40/0, P-AG=-40/0, A-B=-3/0, B-C=-1329/0, C-D=-1804/0, D-E=-1576/0, E-F=-391/78, F-G=-392/77, G-H=-450/76, H-I=0/546, I-J=0/546, J-K=-991/0, K-L=-991/0, L-M=-1524/0, M-N=-1524/0, N-O=-1156/0, O-P=-2/0
BOT CHORD AD-AE=0/841, AC-AD=0/1805, AB-AC=0/1576, AA-AB=0/1576, Z-AA=0/1576, Y-Z=-76/450, X-Y=-76/450, W-X=-76/450, V-W=-76/450, U-V=0/528, T-U=0/1418, S-T=0/1524, R-S=0/1524, Q-R=0/777
WEBS D-AB=-308/0, E-AA=0/293, F-Z=-156/0, I-V=-113/0, B-AE=-1051/0, B-AD=0/636, C-AD=-619/0, C-AC=-33/60, D-AC=0/347, E-Z=-1429/0, H-V=-735/0, H-W=0/140, G-Z=-144/251, J-V=-1103/0, J-U=0/635, L-U=-597/0, L-T=-2/272, O-Q=-971/0, O-R=0/494, N-R=-470/0, G-X=-93/0, N-S=-52/78, M-T=-105/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT3	Floor	4	1	Job Reference (optional)

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

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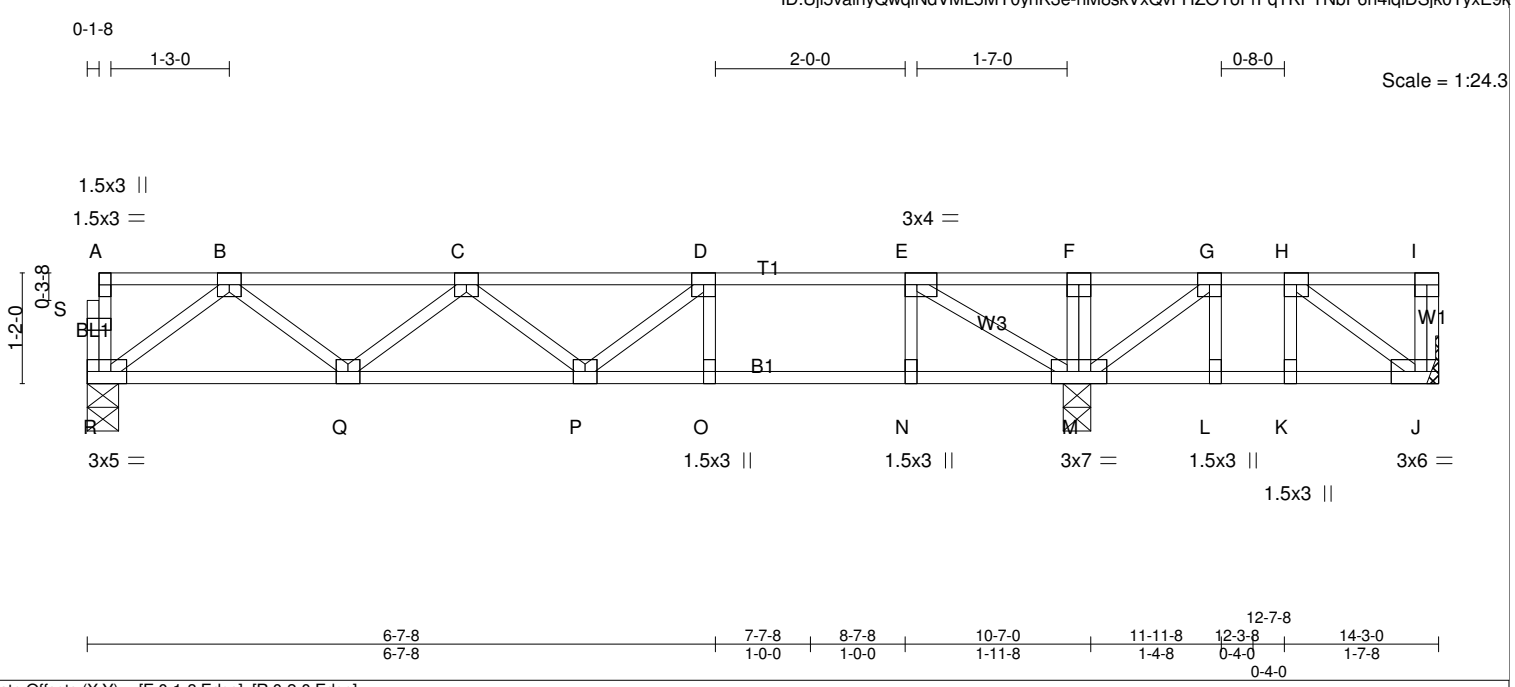

Plate Offsets (X,Y)-- [E:0-1-8,Edge], [R:0-2-0,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.46	Vert(LL)	-0.15	O-P	>835	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.69	Vert(CT)	-0.24	O-P	>523	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.02	J	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 74 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP SS(flat)
BOT CHORD 2x4 SP SS(flat)
WEBS 2x4 SP No.3(flat)

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) R=715/0-4-0 (min. 0-1-8), J=384/Mechanical, M=713/0-3-8 (min. 0-1-8)
Max Grav R=719(LC 10), J=406(LC 7), M=713(LC 1)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD R-S=-54/0, A-S=-53/0, I-J=-68/1, A-B=-3/0, B-C=-1368/0, C-D=-1880/0, D-E=-1686/0, E-F=-547/0, F-G=-547/0, G-H=-515/0, H-I=0/0
BOT CHORD Q-R=0/862, P-Q=0/1859, O-P=0/1686, N-O=0/1686, M-N=0/1686, L-M=0/515, K-L=0/515, J-K=0/515
WEBS D-O=-281/0, E-N=0/269, F-M=-148/0, B-R=-1077/0, B-Q=0/658, C-Q=-639/0, C-P=0/107, D-P=0/276, E-M=-1372/0, G-M=-170/174, G-L=-73/0, H-J=-636/0, H-K=0/118

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x3 MT20 unless otherwise indicated.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT4	FLOOR	1	1	Job Reference (optional)

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

Run: 8.330 s Apr 7 2020 Print: 8.330 s Apr 7 2020 MiTek Industries, Inc. Fri Jul 17 08:22:39 2020 Page 1
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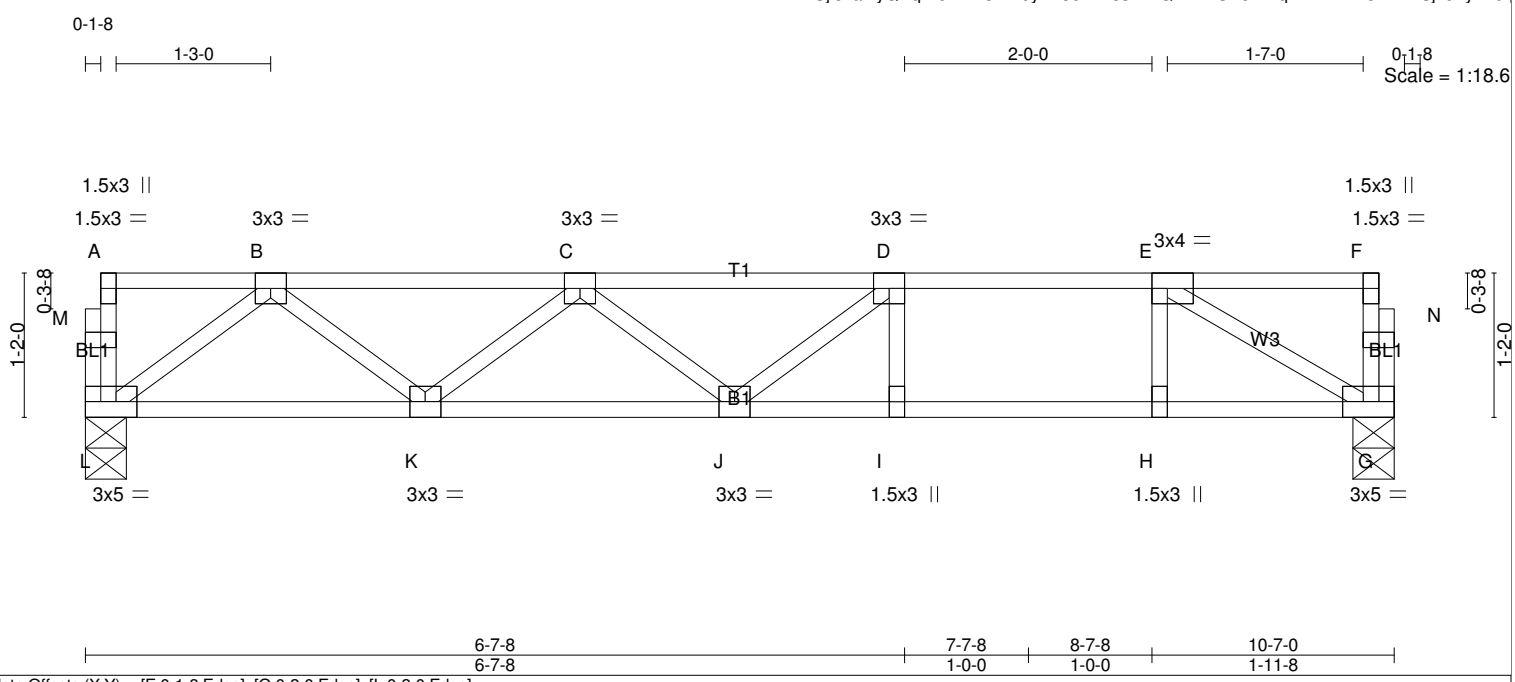

Plate Offsets (X,Y)-- [E:0-1-8,Edge], [G:0-2-0,Edge], [L:0-2-0,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.59	Vert(LL)	-0.17	I-J	>729	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.75	Vert(CT)	-0.27	I-J	>461	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.36	Horz(CT)	0.02	G	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 53 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP SS(flat)
BOT CHORD 2x4 SP SS(flat)
WEBS 2x4 SP No.3(flat)

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) L=664/0-4-0 (min. 0-1-8), G=664/0-4-0 (min. 0-1-8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD L-M=-55/0, A-M=-55/0, G-N=-36/78, F-N=-36/78, A-B=-3/0, B-C=-1232/0, C-D=-1610/0, D-E=-1292/0, E-F=-2/5
BOT CHORD K-L=0/788, J-K=0/1667, I-J=0/1292, H-I=0/1292, G-H=0/1292
WEBS B-L=-984/0, B-K=0/579, C-K=-566/0, C-J=-96/80, D-J=0/447, E-G=-1500/0, D-I=-344/0, E-H=0/300

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT5	Floor	2	1	Job Reference (optional)

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

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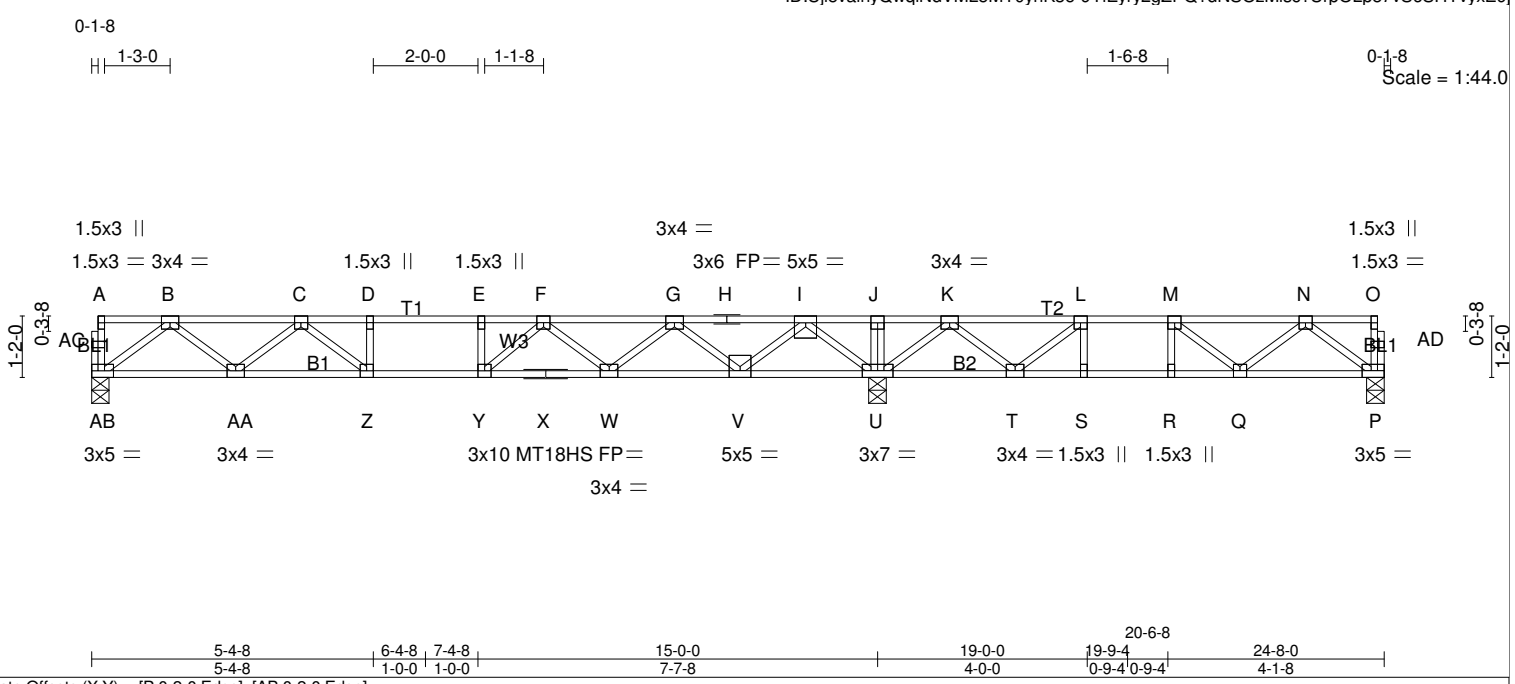

Plate Offsets (X,Y)-- [P:0-2-0,Edge], [AB:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.75	Vert(LL)	-0.14	W-Y	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.92	Vert(CT)	-0.22	W-Y	>812	360	MT18HS	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.04	U	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 123 lb	FT = 20%F, 12%E

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

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

REACTIONS. (lb/size) AB=820/0-4-0 (min. 0-1-8), U=1942/0-4-0 (min. 0-1-8), P=396/0-4-0 (min. 0-1-8)
Max Grav AB=838(LC 10), U=1942(LC 1), P=506(LC 4)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD AB-AC=-42/0, A-AC=-42/0, P-AD=-28/4, O-AD=-28/4, A-B=-3/0, B-C=-1652/0, C-D=-2586/0, D-E=-2586/0, E-F=-2586/0, F-G=-1946/0, G-H=-540/41, H-I=-540/41, I-J=0/2032, J-K=0/2032, K-L=-383/853, L-M=-931/337, M-N=-818/66, N-O=-2/0
BOT CHORD AA-AB=0/1039, Z-AA=0/2240, Y-Z=0/2586, X-Y=0/2412, W-X=0/2412, V-W=0/1436, U-V=-681/0, T-U=-1253/0, S-T=-337/931, R-S=-337/931, Q-R=-337/931, P-Q=0/621
WEBS D-Z=-272/0, E-Y=-272/0, J-U=-147/0, B-AB=-1300/0, B-AA=0/798, C-AA=-766/0, C-Z=0/562, I-U=-1696/0, I-V=0/1228, G-V=-1201/0, G-W=0/696, F-W=-651/0, F-Y=0/524, K-U=-1211/0, K-T=0/820, L-T=-987/0, L-S=0/297, N-P=-777/0, N-Q=-157/256, M-Q=-144/346, M-R=-271/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) All plates are 3x3 MT20 unless otherwise indicated.
4) 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.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT6	Floor	5	1	Job Reference (optional)

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

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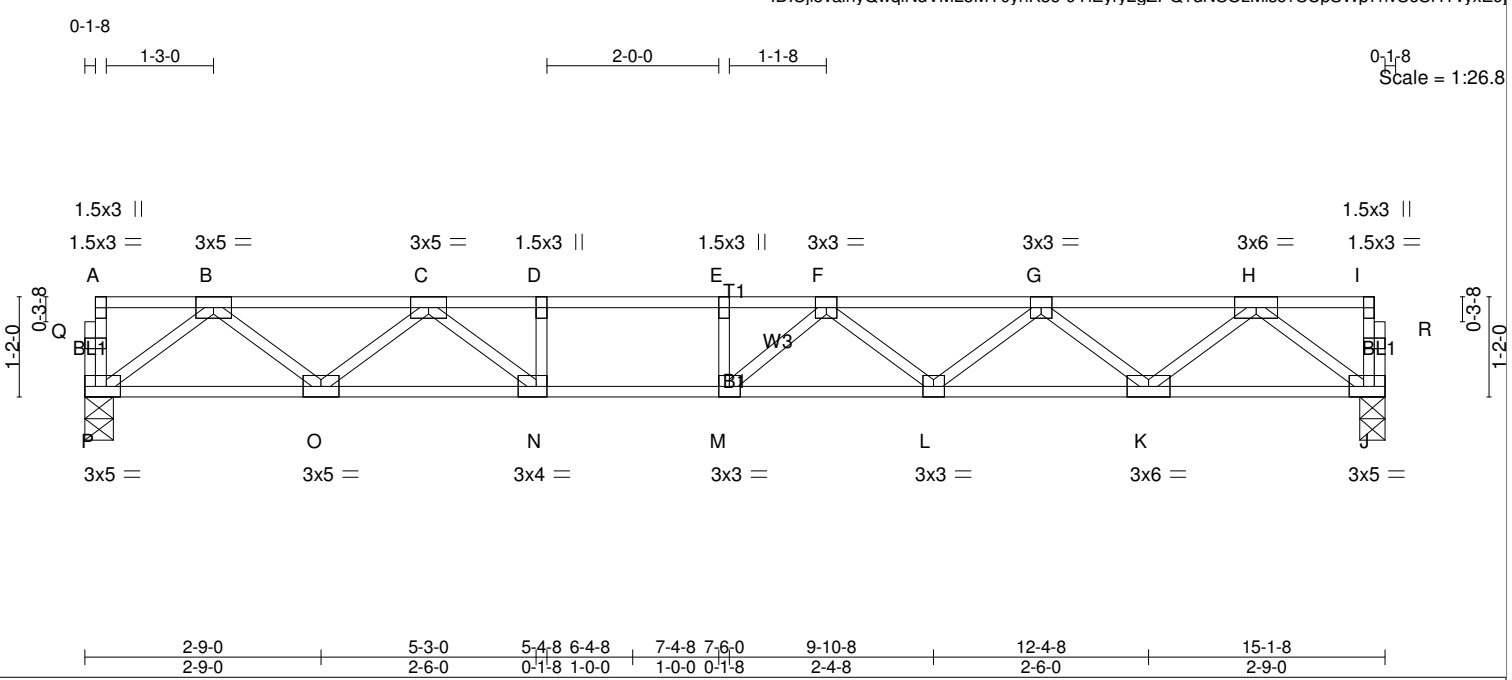

Plate Offsets (X,Y)-- [J:0-2-0,Edge], [N:0-1-8,Edge], [P:0-2-0,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.85	Vert(LL)	-0.21	L-M	>870	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.66	Vert(CT)	-0.33	L-M	>542	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.04	J	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 75 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP SS(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) P=959/0-4-0 (min. 0-1-8), J=959/0-3-8 (min. 0-1-8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD P-Q=-40/0, A-Q=-40/0, J-R=-45/0, I-R=-45/0, A-B=-2/0, B-C=-1939/0, C-D=-3309/0, D-E=-3309/0, E-F=-3309/0, F-G=-3094/0, G-H=-1962/0, H-I=-3/0
BOT CHORD O-P=0/1195, N-O=0/2697, M-N=0/3309, L-M=0/3389, K-L=0/2715, J-K=0/1190
WEBS D-N=-416/0, E-M=-169/71, B-P=-1497/0, B-O=0/968, C-O=-987/0, C-N=0/943, H-J=-1489/0, H-K=0/1006, G-K=-980/0, G-L=0/493, F-L=-384/0, F-M=-307/288

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT7	Floor	4	1	Job Reference (optional)

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

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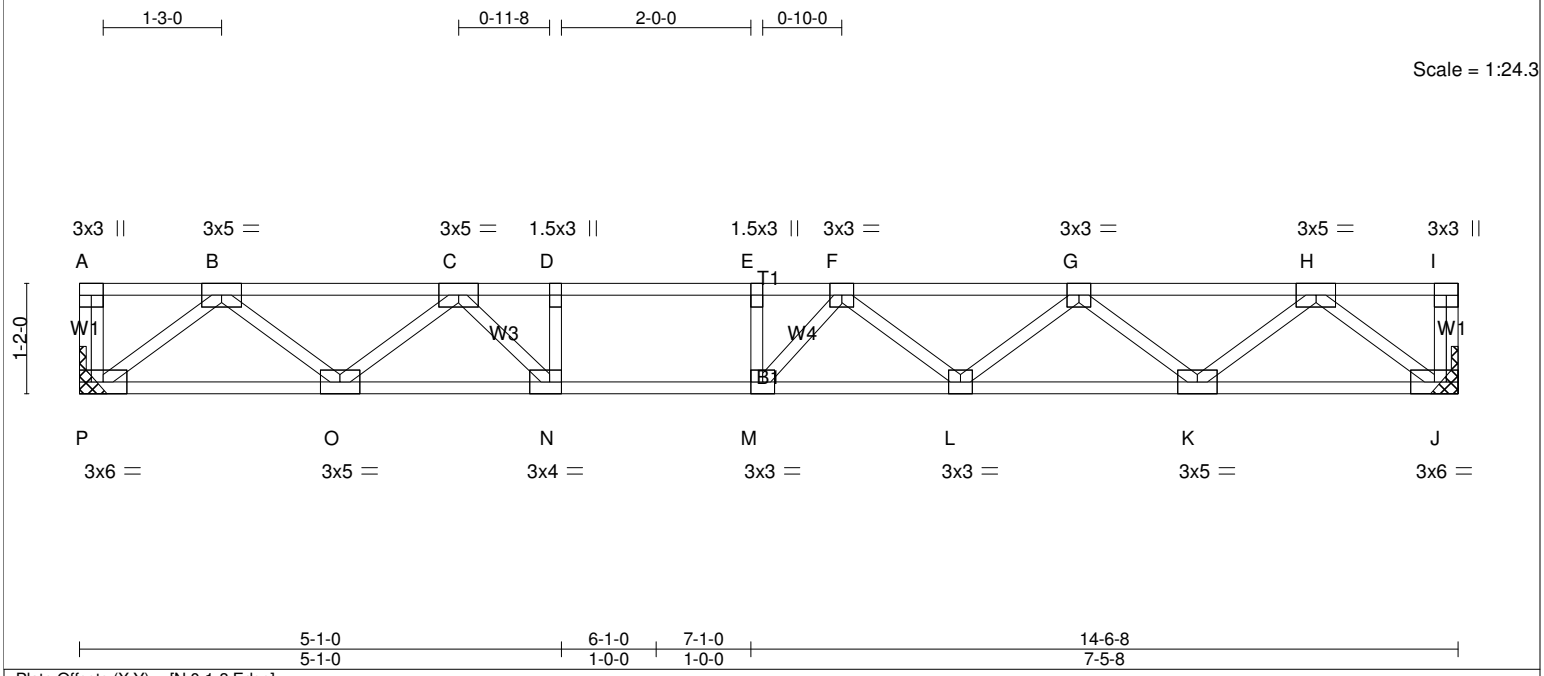

Plate Offsets (X,Y)-- [N:0-1-8,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.84	Vert(LL)	-0.19	L-M	>926	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.95	Vert(CT)	-0.30	L-M	>575	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.04	J	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 74 lb	FT = 20%F, 12%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) P=929/Mechanical, J=929/Mechanical

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-P=-45/0, I-J=-50/0, A-B=0/0, B-C=-1847/0, C-D=-3045/0, D-E=-3045/0, E-F=-3045/0, F-G=-2905/0, G-H=-1869/0, H-I=0/0
BOT CHORD O-P=0/1147, N-O=0/2562, M-N=0/3045, L-M=0/3154, K-L=0/2574, J-K=0/1141
WEBS D-N=-459/0, E-M=-162/144, B-P=-1439/0, B-O=0/911, C-O=-931/0, C-N=0/862, H-J=-1432/0, H-K=0/947, G-K=-918/0, G-L=0/430, F-L=-343/0, F-M=-349/234

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT8	Floor	1	1	Job Reference (optional)

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

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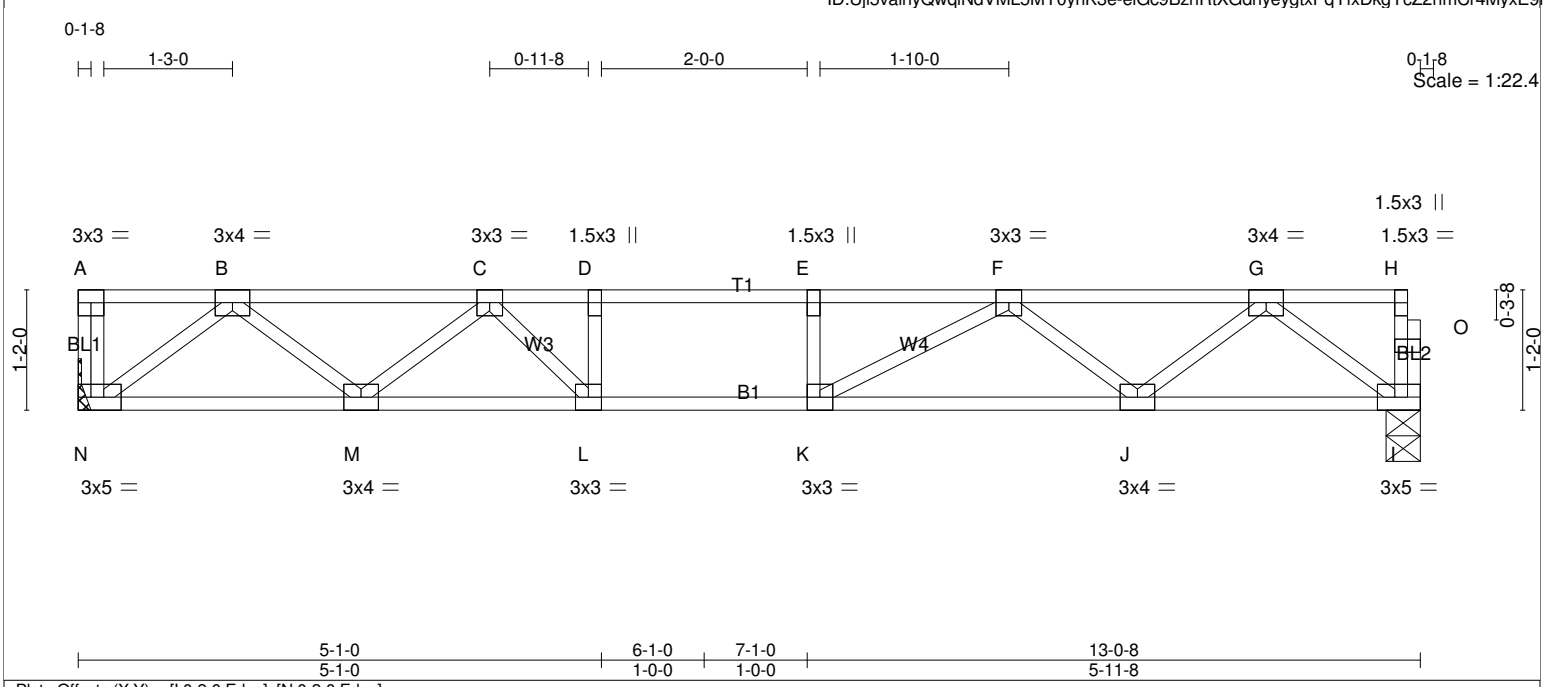

Plate Offsets (X,Y)-- [I:0-2-0,Edge], [N:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.72	Vert(LL)	-0.14	J-K	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.92	Vert(CT)	-0.22	J-K	>692	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.04	I	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 65 lb	FT = 20%F, 12%E

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

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

REACTIONS. (lb/size) N=831/Mechanical, I=824/0-4-0 (min. 0-1-8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-N=-46/0, I-O=-46/0, H-O=-46/0, A-B=0/0, B-C=-1613/0, C-D=-2499/0, D-E=-2499/0, E-F=-2499/0, F-G=-1635/0, G-H=-3/0
BOT CHORD M-N=0/1020, L-M=0/2194, K-L=0/2499, J-K=0/2194, I-J=0/1021
WEBS D-L=-348/0, E-K=-218/0, B-N=-1280/0, B-M=0/771, C-M=-757/0, C-L=0/638, G-I=-1277/0, G-J=0/799, F-J=-729/0, F-K=0/562

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT9	Floor	4	1	Job Reference (optional)

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

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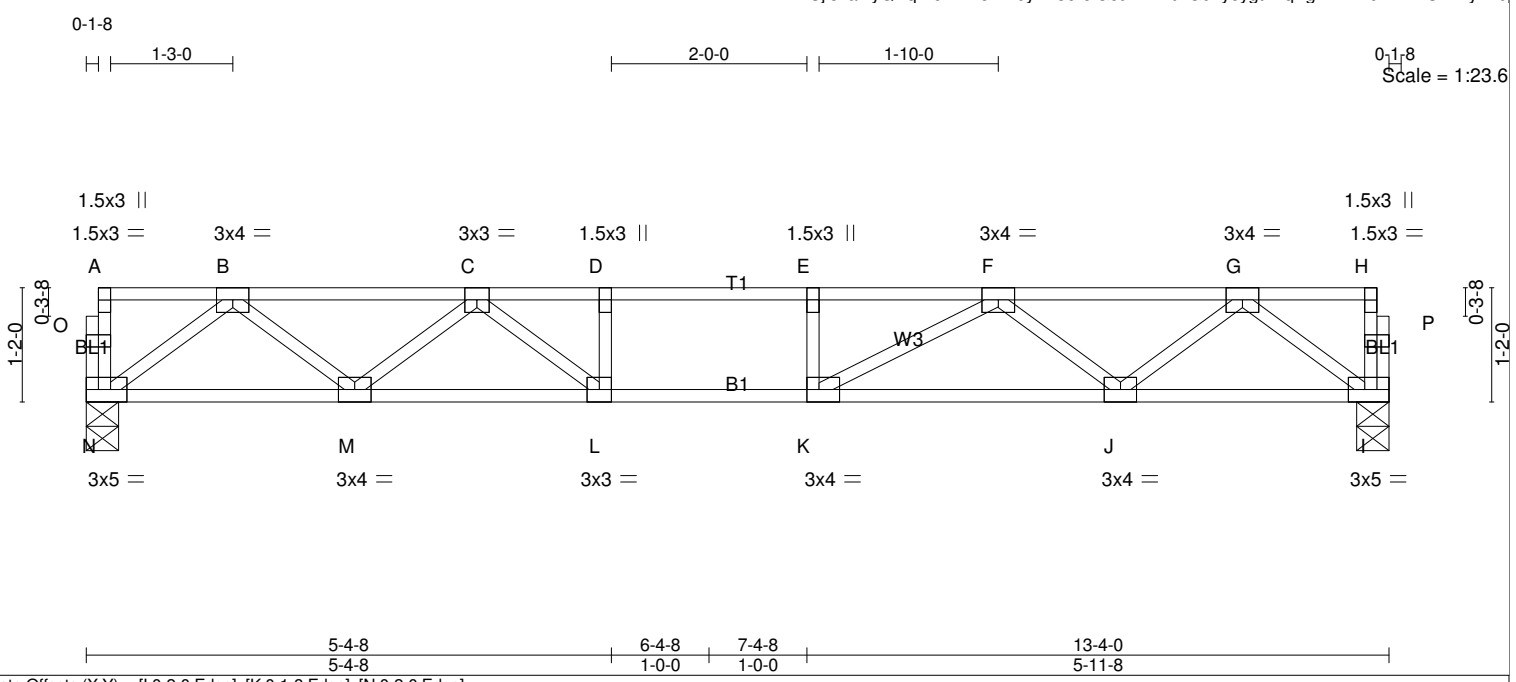

Plate Offsets (X,Y)-- [I:0-2-0,Edge], [K:0-1-8,Edge], [N:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.68	Vert(LL)	-0.15	J-K	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.90	Vert(CT)	-0.22	J-K	>699	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.04	I	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 66 lb	FT = 20%F, 12%E

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

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) N=843/0-4-0 (min. 0-1-8), I=843/0-4-0 (min. 0-1-8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD N-O=-42/0, A-O=-42/0, I-P=-46/0, H-P=-46/0, A-B=-2/0, B-C=-1663/0, C-D=-2621/0, D-E=-2621/0, E-F=-2621/0, F-G=-1679/0, G-H=-3/0
BOT CHORD M-N=0/1045, L-M=0/2259, K-L=0/2621, J-K=0/2264, I-J=0/1045
WEBS D-L=-310/0, E-K=-234/0, B-N=-1308/0, B-M=0/804, C-M=-777/0, C-L=0/659, G-I=-1308/0, G-J=0/825, F-J=-761/0, F-K=0/617

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT10	Floor	2	1	Job Reference (optional)

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

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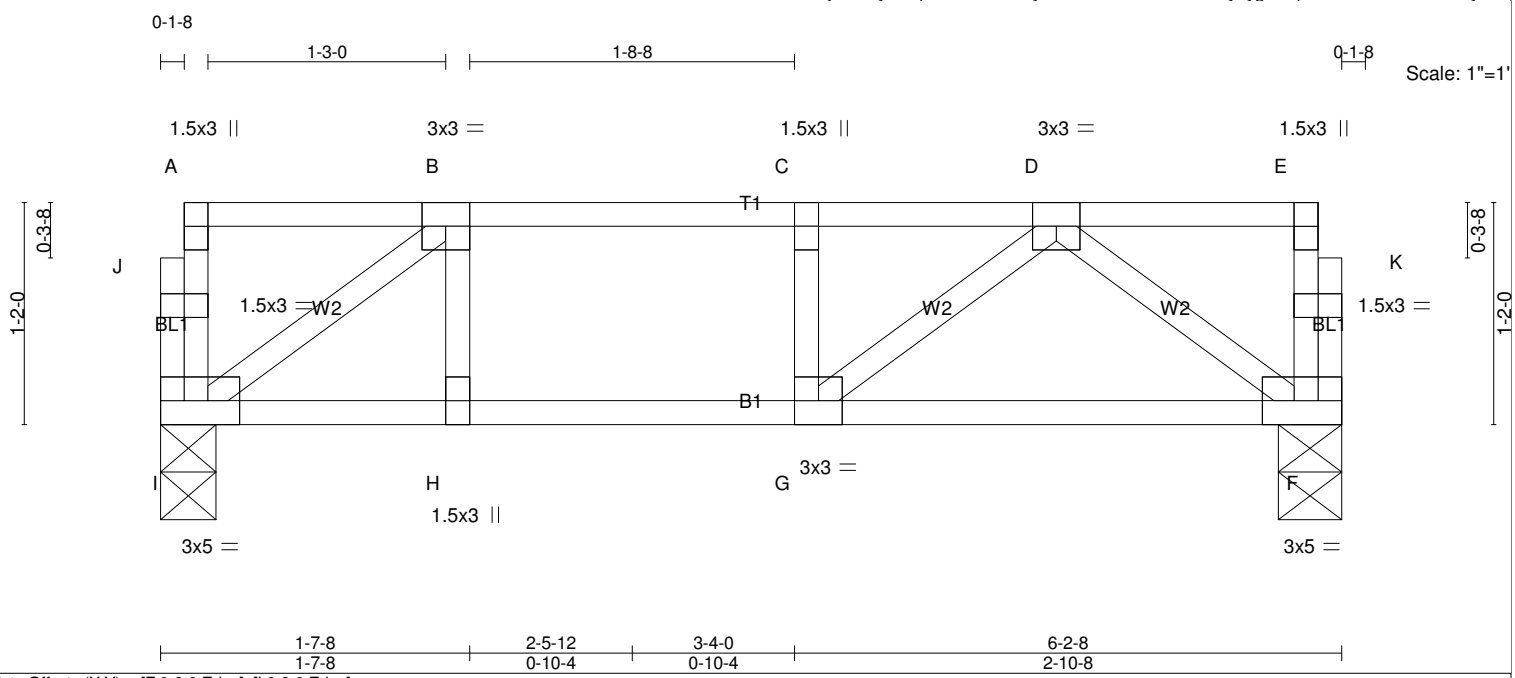

Plate Offsets (X,Y)-- [F:0-2-0,Edge], [I:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.43	Vert(LL)	-0.04	F-G	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.40	Vert(CT)	-0.06	F-G	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.00	F	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 33 lb	FT = 20%F, 12%E

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

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) I=380/0-3-8 (min. 0-1-8), F=380/0-4-0 (min. 0-1-8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD I-J=-48/26, A-J=-48/26, F-K=-58/0, E-K=-57/0, A-B=-3/2, B-C=-508/0, C-D=-508/0, D-E=-3/0
BOT CHORD H-I=0/508, G-H=0/508, F-G=0/400
WEBS D-F=-497/0, B-I=-625/0, D-G=0/198, B-H=0/87, C-G=-112/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT11	Floor	4	1	Job Reference (optional)

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

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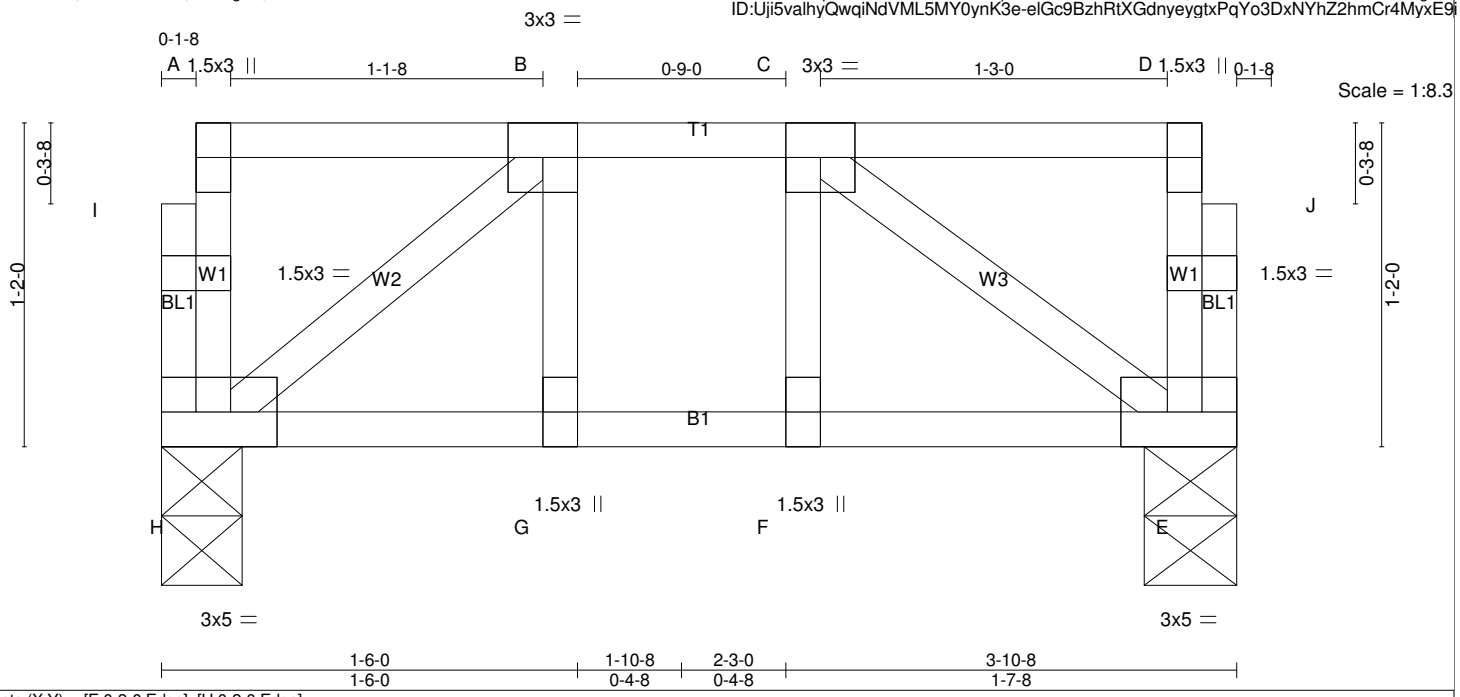

Plate Offsets (X,Y)-- [E:0-2-0,Edge], [H:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.14	Vert(LL)	-0.00	F	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.10	Vert(CT)	-0.01	F	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	E	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 23 lb	FT = 20%F, 12%E

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

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

REACTIONS. (lb/size) H=228/0-3-8 (min. 0-1-8), E=228/0-4-0 (min. 0-1-8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD H-I=-67/0, A-I=-67/0, E-J=-76/0, D-J=-76/0, A-B=-4/0, B-C=-207/0, C-D=-5/0
BOT CHORD G-H=0/207, F-G=0/207, E-F=0/207
WEBS C-E=-251/0, B-H=-260/0, B-G=-6/40, C-F=-16/29

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	FT12	Floor	1	1	Job Reference (optional)

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

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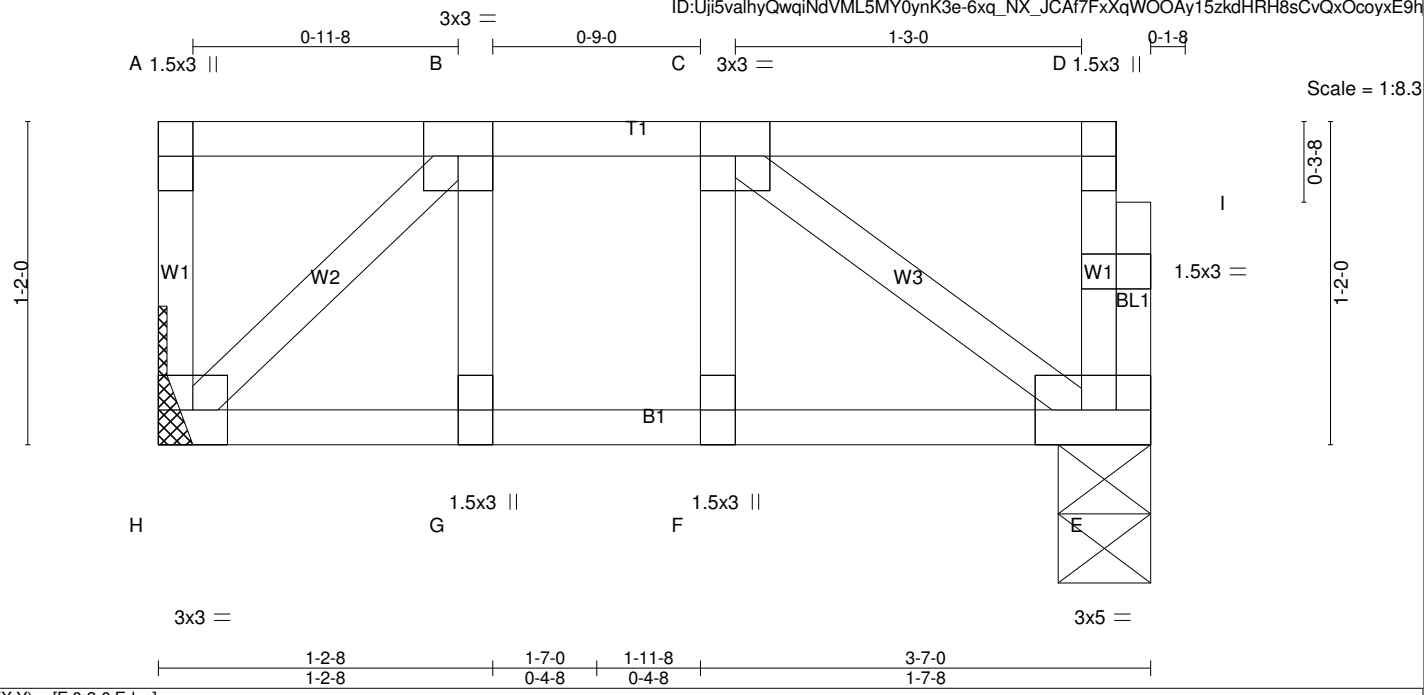

Plate Offsets (X,Y)-- [E:0-2-0,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.14	Vert(LL)	-0.00	F	>999	480	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.12	Vert(CT)	-0.01	F	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	E	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 21 lb	FT = 20%F, 12%E

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

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

REACTIONS. (lb/size) E=213/0-4-0 (min. 0-1-8), H=221/Mechanical

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD A-H=-55/0, E-I=-77/0, D-I=-77/0, A-B=0/0, B-C=-180/0, C-D=-5/0
BOT CHORD G-H=0/180, F-G=0/180, E-F=0/180
WEBS C-E=-217/0, B-H=-250/0, B-G=0/49, C-F=-23/17

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	KW2	Floor Supported Gable	1	1	Job Reference (optional)

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

Run: 8.330 s Apr 7 2020 Print: 8.330 s Apr 7 2020 MiTek Industries, Inc. Fri Jul 17 08:22:42 2020 Page 1
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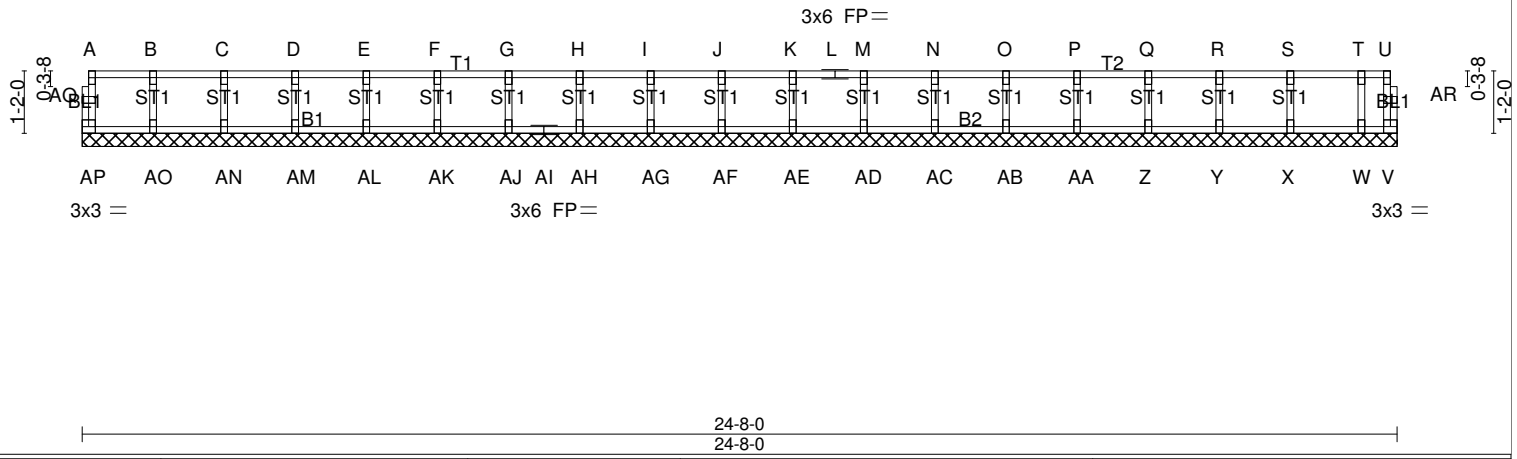


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	V	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 102 lb	FT = 20%F, 12%E

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

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) AP=61/24-8-0 (min. 0-1-10), V=18/24-8-0 (min. 0-1-10), AO=175/24-8-0 (min. 0-1-10), AN=173/24-8-0 (min. 0-1-10), AM=173/24-8-0 (min. 0-1-10), AL=173/24-8-0 (min. 0-1-10), AK=173/24-8-0 (min. 0-1-10), AJ=173/24-8-0 (min. 0-1-10), AH=173/24-8-0 (min. 0-1-10), AG=173/24-8-0 (min. 0-1-10), AF=173/24-8-0 (min. 0-1-10), AE=173/24-8-0 (min. 0-1-10), AD=173/24-8-0 (min. 0-1-10), AC=173/24-8-0 (min. 0-1-10), AB=173/24-8-0 (min. 0-1-10), AA=173/24-8-0 (min. 0-1-10), Z=174/24-8-0 (min. 0-1-10), Y=171/24-8-0 (min. 0-1-10), X=181/24-8-0 (min. 0-1-10), W=126/24-8-0 (min. 0-1-10)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD AP-AQ=-58/0, A-AQ=-58/0, V-AR=-9/0, U-AR=-9/0, A-B=-7/0, B-C=-7/0, C-D=-7/0, D-E=-7/0, E-F=-7/0, F-G=-7/0, G-H=-7/0, H-I=-7/0, I-J=-7/0, J-K=-7/0, K-L=-7/0, L-M=-7/0, M-N=-7/0, N-O=-7/0, O-P=-7/0, P-Q=-7/0, Q-R=-7/0, R-S=-7/0, S-T=-7/0, T-U=-7/0
BOT CHORD AO-AP=0/7, AN-AO=0/7, AM-AN=0/7, AL-AM=0/7, AK-AL=0/7, AJ-AK=0/7, AI-AJ=0/7, AH-AI=0/7, AG-AH=0/7, AF-AG=0/7, AE-AF=0/7, AD-AE=0/7, AC-AD=0/7, AB-AC=0/7, AA-AB=0/7, Z-AA=0/7, Y-Z=0/7, X-Y=0/7, W-X=0/7, V-W=0/7
WEBS B-AO=-159/0, C-AN=-160/0, D-AM=-160/0, E-AL=-160/0, F-AK=-160/0, G-AJ=-160/0, H-AH=-160/0, I-AG=-160/0, J-AF=-160/0, K-AE=-160/0, M-AD=-160/0, N-AC=-160/0, O-AB=-160/0, P-AA=-160/0, Q-Z=-160/0, R-Y=-158/0, S-X=-166/0, T-W=-124/0

NOTES-
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
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) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

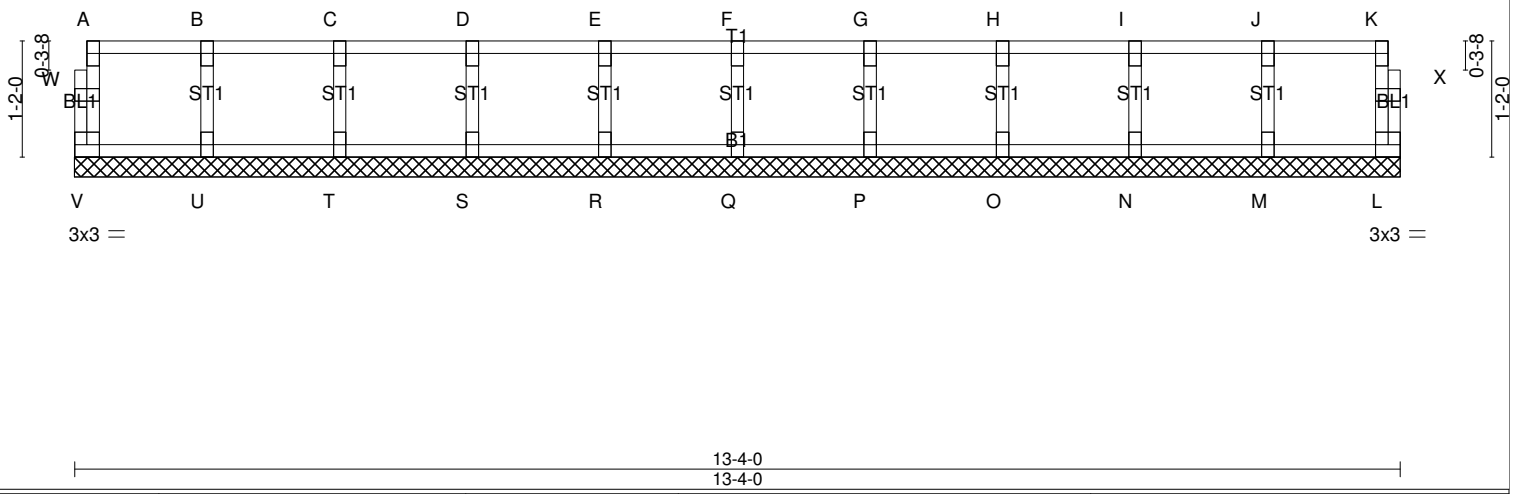
Job	Truss	Truss Type	Qty	Ply	288 NC2015
20070595F	KW3	Floor Supported Gable	1	1	Job Reference (optional)

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

Run: 8.330 s Apr 7 2020 Print: 8.330 s Apr 7 2020 MiTek Industries, Inc. Fri Jul 17 08:22:42 2020 Page 1
ID:Uji5valhyQwqiNdVML5MY0ynK3e-6xq_NX_JCAf7FxXqWOOAy15_ZdI3H8BCvQxOcoyxE9h

0-1-8 0-1-8

Scale = 1:23.2



13-4-0
13-4-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	20.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	L	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 56 lb	FT = 20%F, 12%E

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

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) V=67/13-4-0 (min. 0-1-8), L=67/13-4-0 (min. 0-1-8), U=169/13-4-0 (min. 0-1-8), T=175/13-4-0 (min. 0-1-8), S=173/13-4-0 (min. 0-1-8), R=173/13-4-0 (min. 0-1-8), Q=173/13-4-0 (min. 0-1-8), P=173/13-4-0 (min. 0-1-8), O=173/13-4-0 (min. 0-1-8), N=175/13-4-0 (min. 0-1-8), M=169/13-4-0 (min. 0-1-8)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD V-W=-61/0, A-W=-61/0, L-X=-61/0, K-X=-61/0, A-B=-12/0, B-C=-12/0, C-D=-12/0, D-E=-12/0, E-F=-12/0, F-G=-12/0, G-H=-12/0, H-I=-12/0, I-J=-12/0, J-K=-12/0
BOT CHORD U-V=0/12, T-U=0/12, S-T=0/12, R-S=0/12, Q-R=0/12, P-Q=0/12, O-P=0/12, N-O=0/12, M-N=0/12, L-M=0/12
WEBS B-U=-156/0, C-T=-161/0, D-S=-160/0, E-R=-160/0, F-Q=-160/0, G-P=-160/0, H-O=-160/0, I-N=-161/0, J-M=-156/0

NOTES-
1) All plates are 1.5x3 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
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) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard