Job	Truss	Truss Type	Qty	Ply	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F200	Truss	7	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:39 — Page: 1

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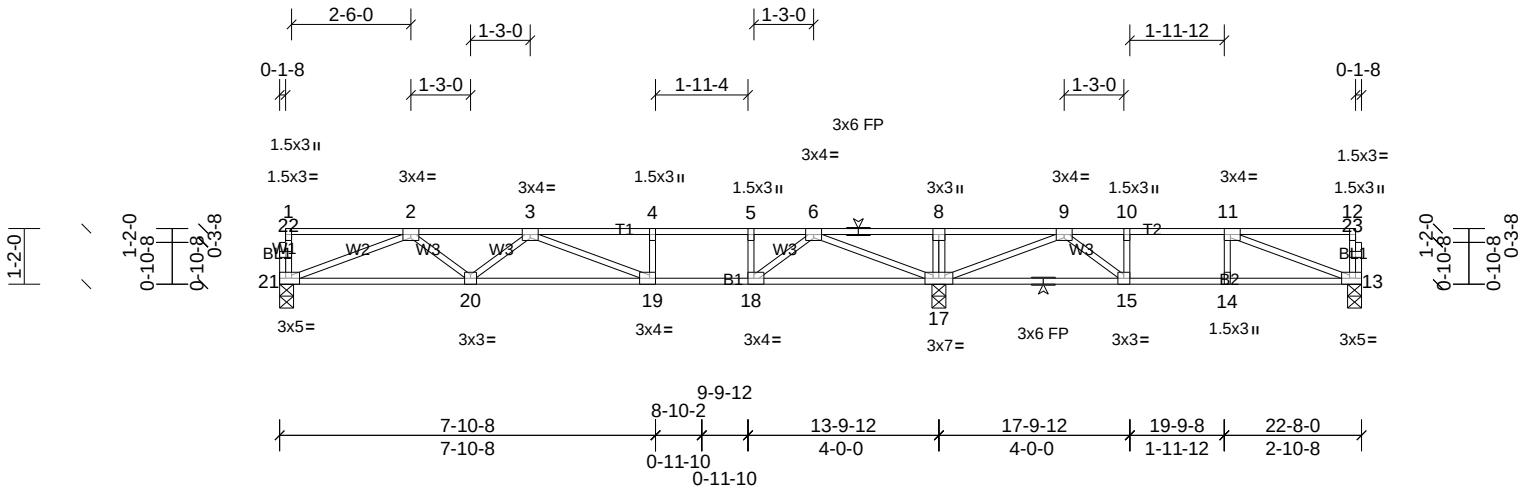


Scale = 1:48.5

Plate Offsets (X, Y): [11:0-1-8,Edge], [13:0-2-0,Edge], [18:0-1-8,Edge], [19:0-1-8,Edge], [21:0-2-0,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.84	Vert(LL)	-0.24	19-20	>692	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.76	Vert(CT)	-0.33	19-20	>503	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.03	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 109 lb	FT = 20%F, 11%E

LUMBER

TOP CHORD	2x4 SP No.1(flat)
BOT CHORD	2x4 SP No.1(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) 13=329/0-3-8, (min. 0-1-8), 17=1067/0-3-8, (min. 0-1-8), 21=565/0-3-8, (min. 0-1-8)
Max Grav 13=348 (LC 7), 17=1067 (LC 1), 21=582 (LC 10)

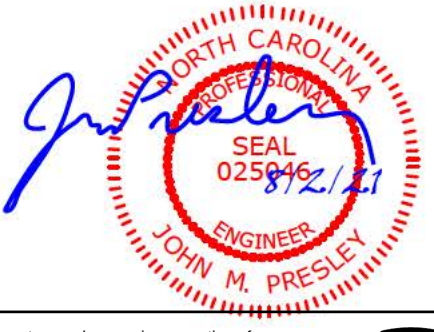
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-1566/0, 3-4=-1696/0, 4-5=-1696/0, 5-6=-1696/0, 6-7=0/477, 7-8=0/477, 8-9=0/477, 9-10=-663/0, 10-11=-663/0
BOT CHORD	20-21=0/1231, 19-20=0/1824, 18-19=0/1696, 17-18=0/1108, 16-17=0/513, 15-16=0/513, 14-15=0/663, 13-14=0/663
WEBS	8-17=-258/0, 9-17=-837/0, 11-13=-705/0, 9-15=0/310, 5-18=-391/0, 2-21=-1319/0, 2-20=0/435, 3-20=-336/0, 3-19=-291/99, 6-17=-1397/0, 6-18=0/849

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 1.5x3 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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F201	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:39 — Page: 1

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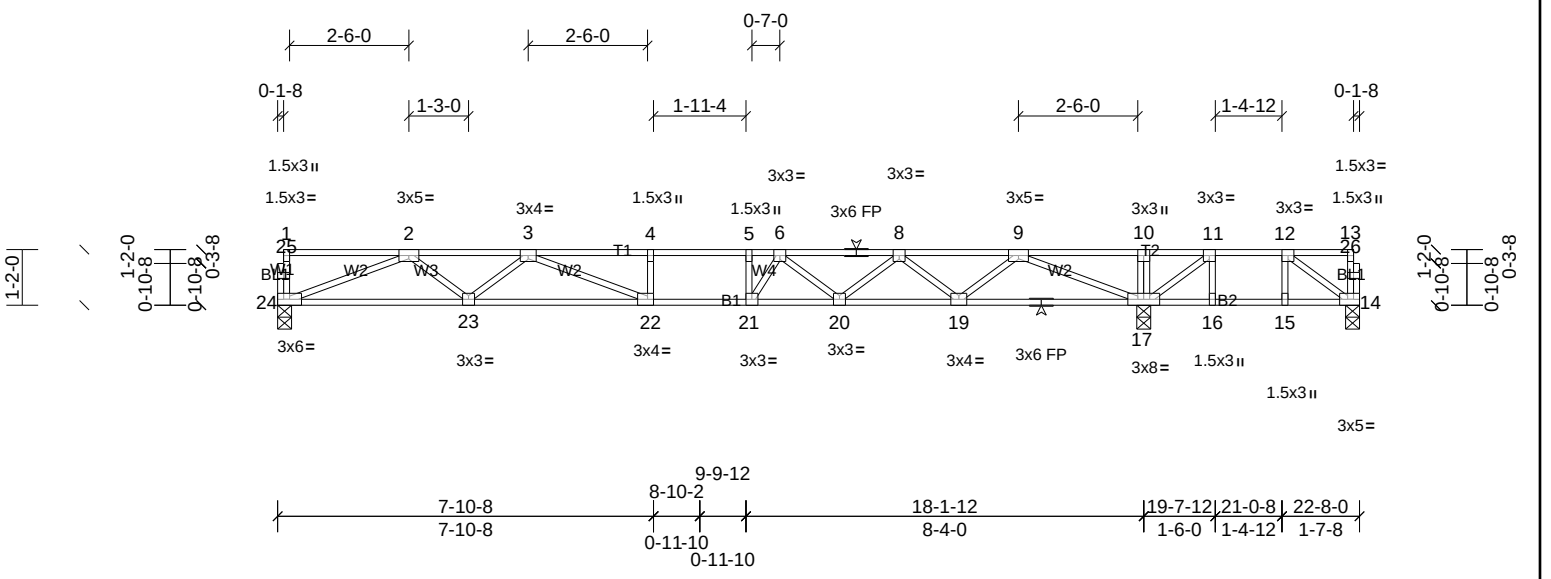


Scale = 1:48.5

Plate Offsets (X, Y): [14:0-2-0,Edge], [22:0-1-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.92	Vert(LL)	-0.26	22-23	>825	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.97	Vert(CT)	-0.36	22-23	>597	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.06	17	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 112 lb	FT = 20%F, 11%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 2-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) 14=-72/0-3-8, (min. 0-1-8), 17=1313/0-3-8, (min. 0-1-8), 24=721/0-3-8, (min. 0-1-8)
Max Uplift 14=-207 (LC 3)
Max Grav 14=116 (LC 4), 17=1313 (LC 1), 24=724 (LC 10)

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

TOP CHORD 2-3=-2069/0, 3-4=-2870/0, 4-5=-2870/0, 5-6=-2870/0, 6-7=-2382/0, 7-8=-2382/0, 8-9=-1435/0, 9-10=0/1128, 10-11=0/1124, 11-12=-41/493

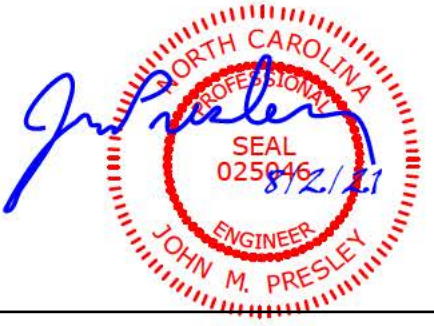
BOT CHORD 23-24=0/1582, 22-23=0/2506, 21-22=0/2870, 20-21=0/2737, 19-20=0/2031, 18-19=0/799, 17-18=0/799, 16-17=-493/41, 15-16=-493/41, 14-15=-493/41

WEBS 11-17=-893/0, 12-14=-46/615, 5-21=-356/33, 2-24=-1696/0, 2-23=0/634, 3-23=-569/0, 3-22=0/599, 9-17=-1995/0, 9-19=0/836, 8-19=-786/0, 8-20=0/463, 6-20=-472/0, 6-21=-84/555

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 1.5x3 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 207 lb uplift at joint 14.
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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F202	Truss	5	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:40 — Page: 1

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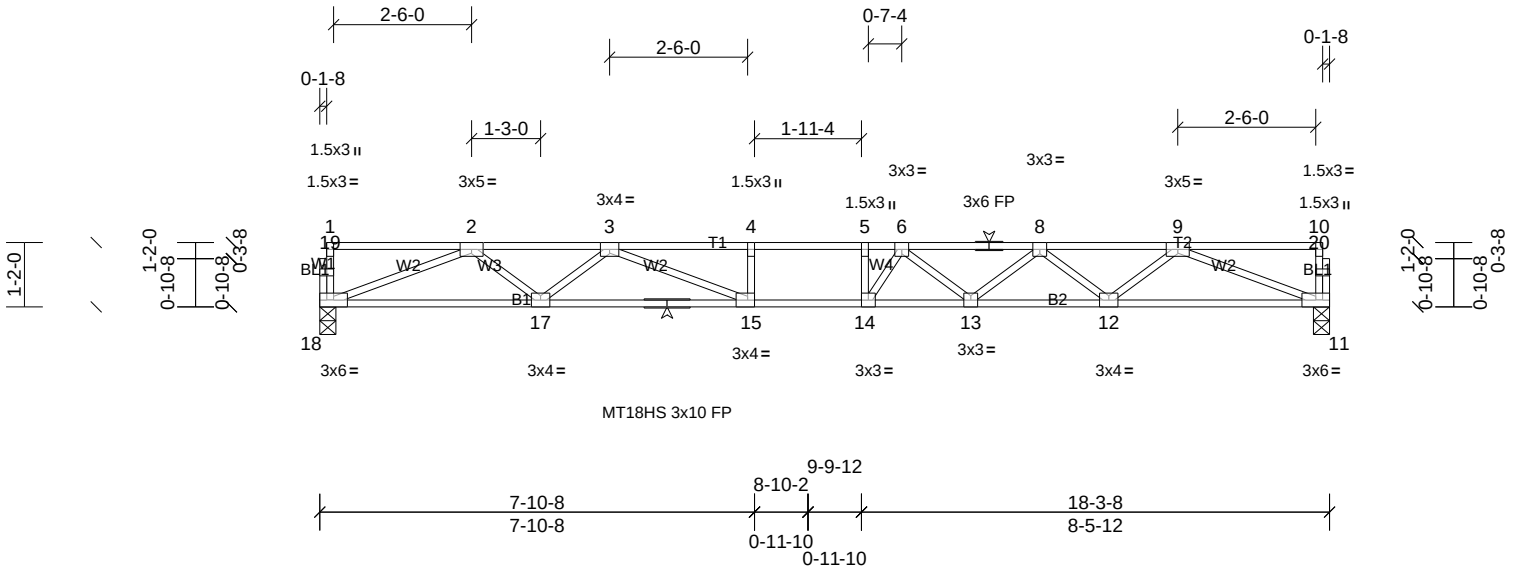


MT18HS 3x10 FP

Scale = 1:41.9

Plate Offsets (X, Y): [15:0-1-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.77	Vert(LL)	-0.28	14-15	>761	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.80	Vert(CT)	-0.39	14-15	>554	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.06	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 89 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-5-7 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 11=788/0-3-8, (min. 0-1-8), 18=788/0-3-8, (min. 0-1-8)

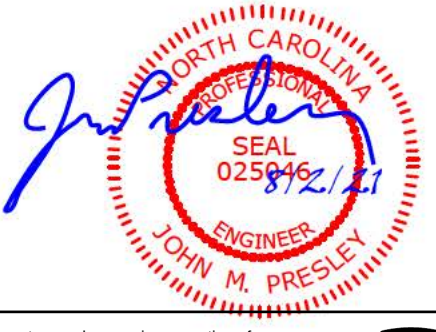
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-2300/0, 3-4=-3396/0, 4-5=-3396/0, 5-6=-3396/0, 6-7=-3103/0, 7-8=-3103/0, 8-9=-2297/0
BOT CHORD	17-18=0/1742, 16-17=0/2818, 15-16=0/2818, 14-15=0/3396, 13-14=0/3363, 12-13=0/2820, 11-12=0/1740
WEBS	5-14=-275/124, 2-18=-1868/0, 2-17=0/726, 3-17=-675/0, 3-15=0/811, 9-11=-1867/0, 9-12=0/725, 8-12=-680/0, 8-13=0/369, 6-13=-396/0, 6-14=-252/441

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F203	Truss	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:40 — Page: 1

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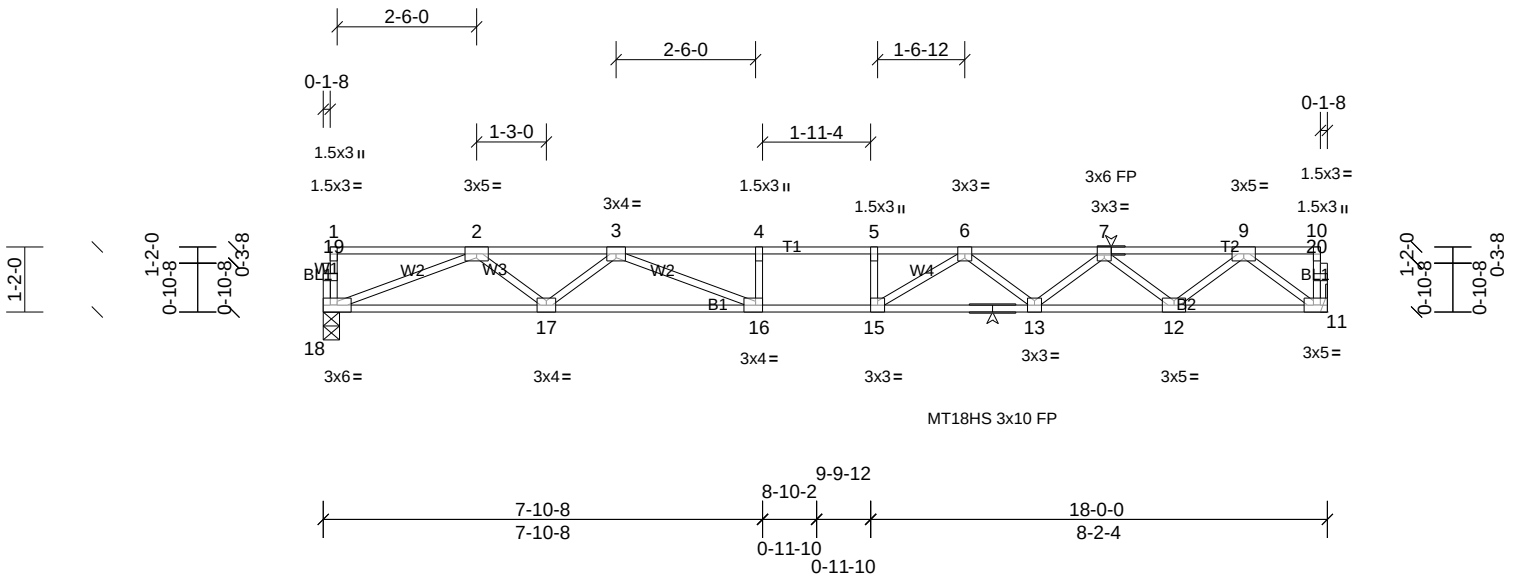


MT18HS 3x10 FP

Scale = 1:41.5

Plate Offsets (X, Y): [11:0-2-0,Edge], [16:0-1-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.60	Vert(LL)	-0.26	15-16	>824	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.75	Vert(CT)	-0.35	15-16	>600	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.06	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 88 lb	FT = 20%F, 11%E

LUMBER

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.1(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) 11=775/ Mechanical, (min. 0-1-8), 18=775/0-3-8, (min. 0-1-8)

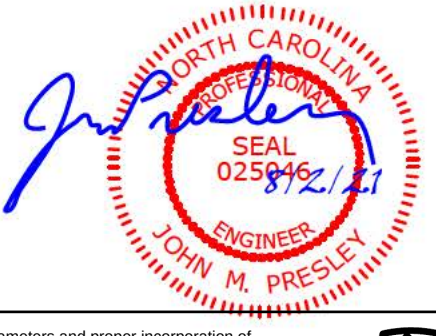
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-2254/0, 3-4=-3293/0, 4-5=-3293/0, 5-6=-3293/0, 6-7=-2700/0, 7-8=-1649/0, 8-9=-1649/0
BOT CHORD	17-18=0/1710, 16-17=0/2756, 15-16=0/3293, 14-15=0/3072, 13-14=0/3072, 12-13=0/2302, 11-12=0/971
WEBS	2-18=-1834/0, 2-17=0/708, 3-17=-654/0, 3-16=0/784, 9-11=-1216/0, 9-12=0/883, 7-12=-850/0, 7-13=0/519, 6-13=-484/0, 6-15=-74/551

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates 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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F204	Truss	3	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:40 — Page: 1

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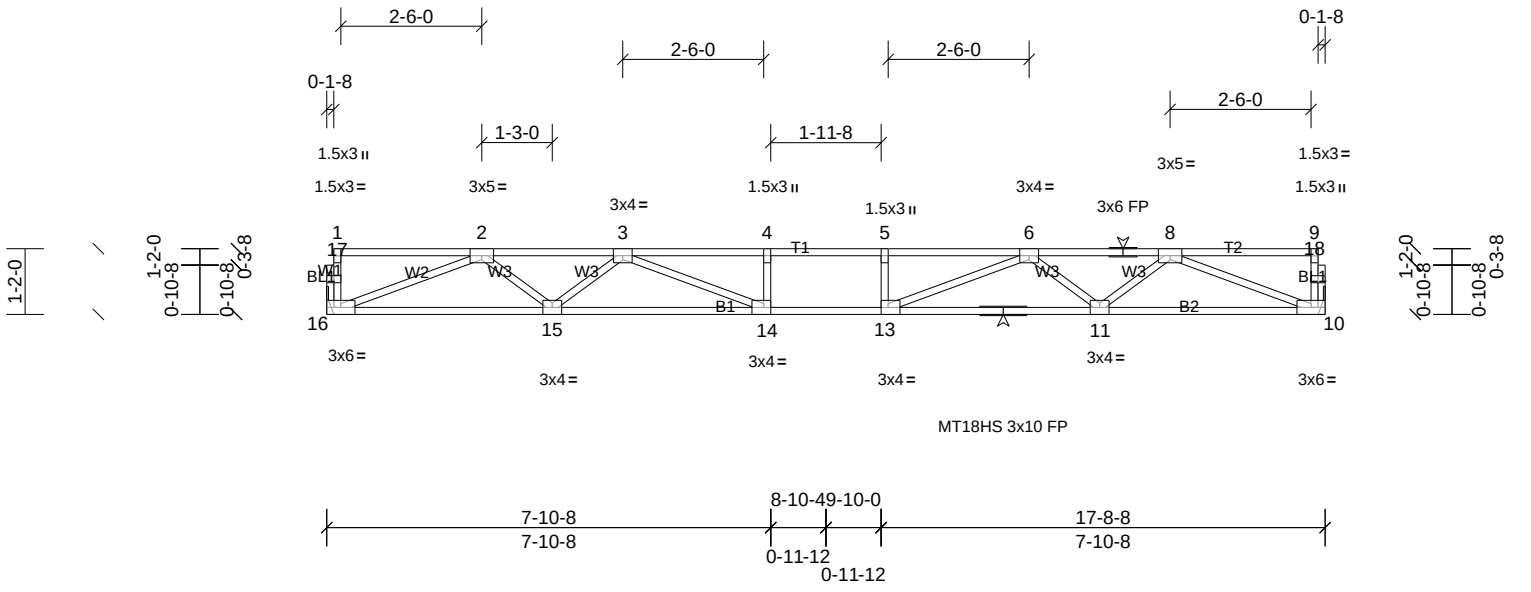


Scale = 1:41

Plate Offsets (X, Y): [13:0-1-8,Edge], [14:0-1-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.63	Vert(LL)	-0.28	14-15	>752	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.95	Vert(CT)	-0.38	14-15	>556	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.07	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 85 lb	FT = 20%F, 11%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 2-2-0 oc bracing.

REACTIONS (lb/size) 10=763/ Mechanical, (min. 0-1-8), 16=763/ Mechanical, (min. 0-1-8)

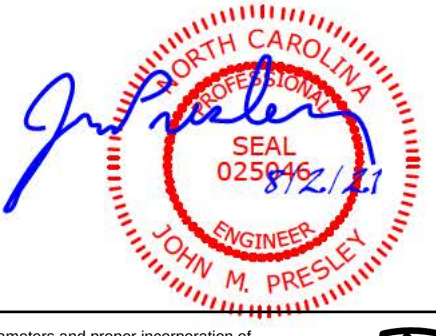
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-2207/0, 3-4=-3193/0, 4-5=-3193/0, 5-6=-3193/0, 6-7=-2207/0, 7-8=-2207/0
BOT CHORD	15-16=0/1678, 14-15=0/2694, 13-14=0/3193, 12-13=0/2694, 11-12=0/2694, 10-11=0/1678
WEBS	2-16=-1799/0, 2-15=0/689, 3-15=-634/0, 3-14=0/763, 8-10=-1799/0, 8-11=0/689, 6-11=-634/0, 6-13=0/763

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates 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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F205	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:40 — Page: 1

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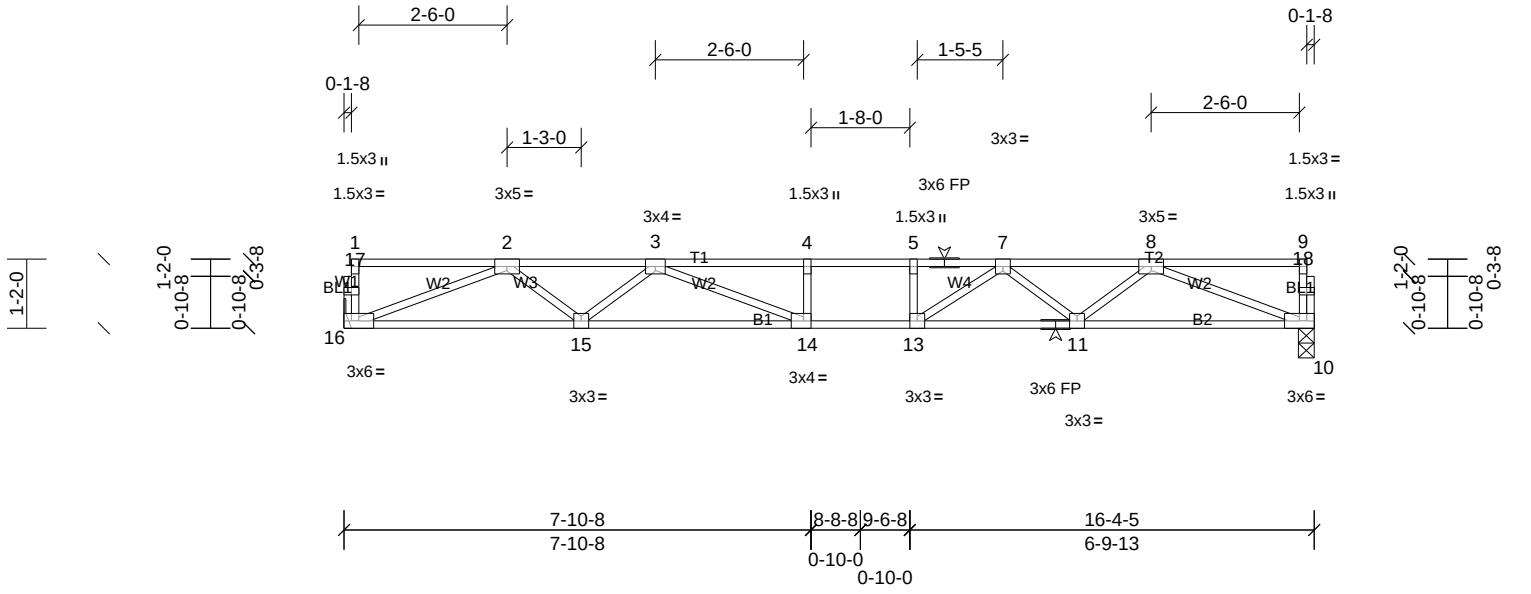


Scale = 1:39

Plate Offsets (X, Y): [14:0-1-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.61	Vert(LL)	-0.22	14-15	>869	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.88	Vert(CT)	-0.31	14-15	>624	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.05	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 80 lb	FT = 20%F, 11%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) 10=703/0-3-3, (min. 0-1-8), 16=703/ Mechanical, (min. 0-1-8)

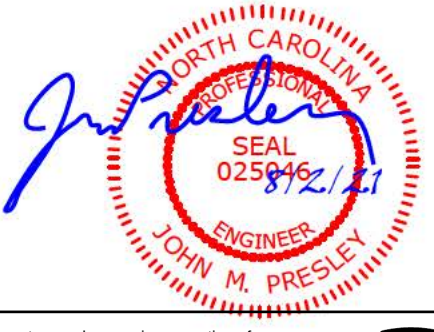
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-1995/0, 3-4=-2710/0, 4-5=-2710/0, 5-6=-2710/0, 6-7=-2710/0, 7-8=-1972/0
BOT CHORD	15-16=0/1531, 14-15=0/2407, 13-14=0/2710, 12-13=0/2392, 11-12=0/2392, 10-11=0/1530
WEBS	2-16=-1642/0, 2-15=0/604, 3-15=-537/0, 3-14=0/555, 8-10=-1641/0, 8-11=0/576, 7-11=-546/0, 7-13=0/578

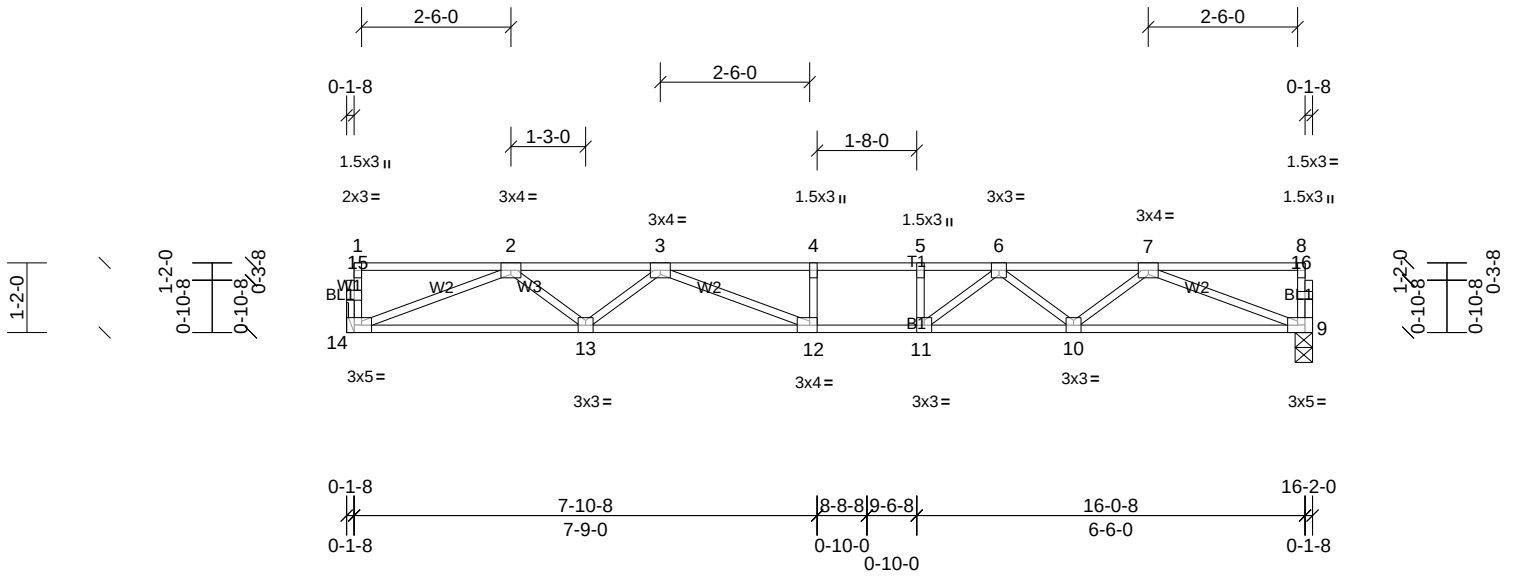
NOTES

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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F206	Truss	6	1	Job Reference (optional)



Scale = 1:38.7

Plate Offsets (X, Y): [9:Edge,0-1-8], [12:0-1-8,Edge], [14:Edge,0-1-8]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.64	Vert(LL)	-0.22	12-13	>873	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.88	Vert(CT)	-0.31	12-13	>626	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.05	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 79 lb	FT = 20%F, 11%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) 9=695/0-3-8, (min. 0-1-8), 14=695/ Mechanical, (min. 0-1-8)

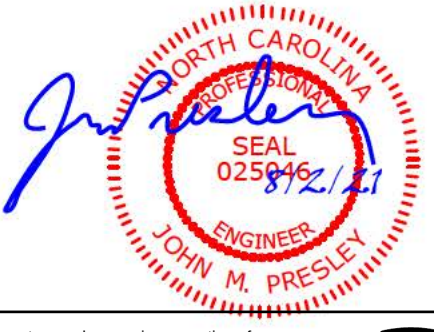
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-1964/0, 3-4=-2642/0, 4-5=-2642/0, 5-6=-2642/0, 6-7=-1939/0
BOT CHORD	13-14=0/1510, 12-13=0/2366, 11-12=0/2642, 10-11=0/2351, 9-10=0/1508
WEBS	2-14=-1619/0, 2-13=0/591, 3-13=-523/0, 3-12=0/528, 7-9=-1618/0, 7-10=0/561, 6-10=-537/0, 6-11=0/559

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
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 10-00-00 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.

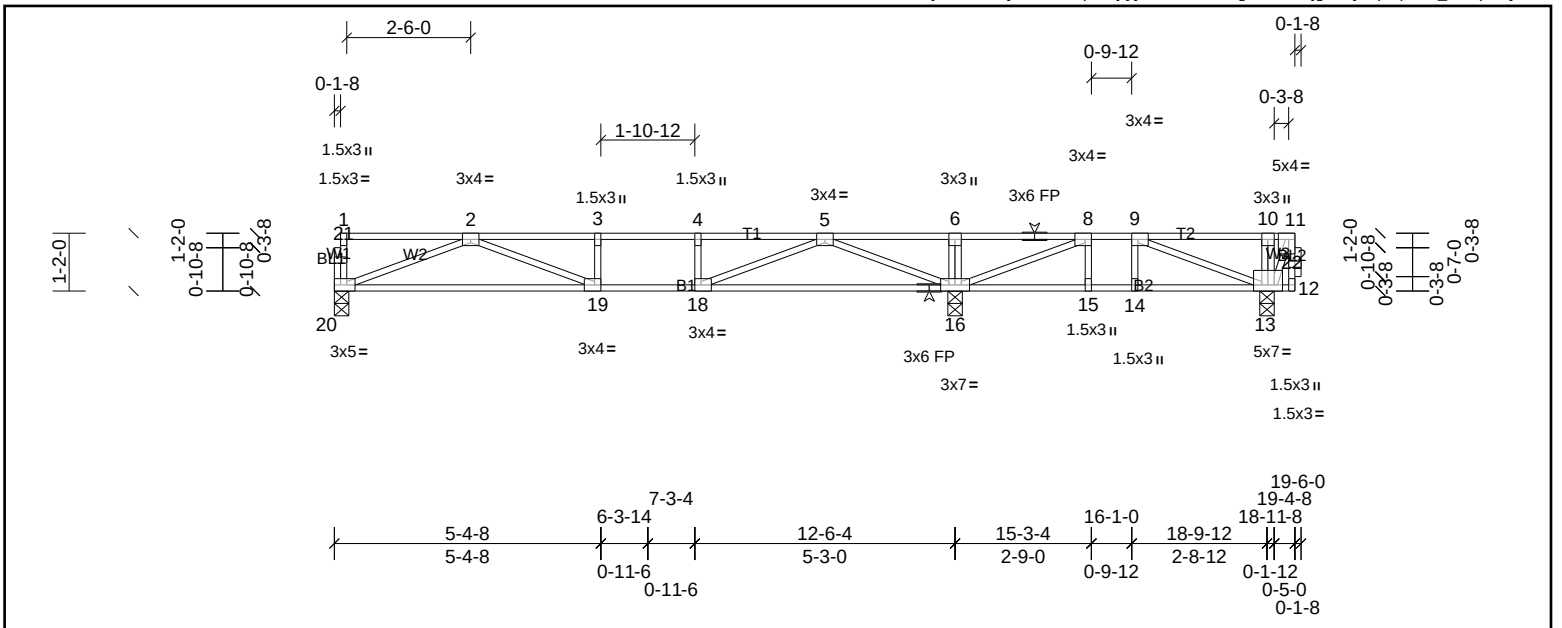
LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F207	Truss	4	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:41 — Page: 1

ID:jUkKJFOXy7RGYAYlpukJjryymFE-L1Lx5tLgoUx9HzxjgDbzyHqLrIpD93_cJBq3MtyrYiS



Scale = 1:46.7

Plate Offsets (X, Y): [8:0-1-8,Edge], [9:0-1-8,Edge], [11:0-1-8,Edge], [18:0-1-8,Edge], [19:0-1-8,Edge], [20:0-2-0,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.60	Vert(LL)	-0.14	19-20	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.63	Vert(CT)	-0.22	19-20	>670	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.02	16	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 98 lb	FT = 20%F, 11%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 6-0-0 oc bracing.

REACTIONS (lb/size) 13=1069/0-3-8, (min. 0-1-8), 16=898/0-3-8, (min. 0-1-8), 20=489/0-3-8, (min. 0-1-8)

Max Grav 13=1127 (LC 4), 16=899 (LC 3), 20=497 (LC 14)

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

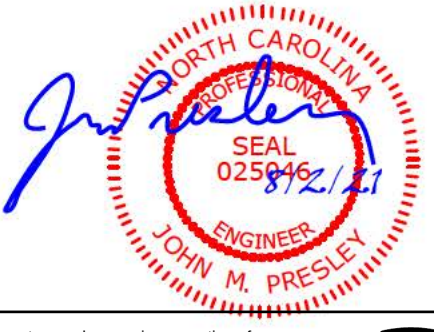
TOP CHORD	2-3=-1360/0, 3-4=-1360/0, 4-5=-1360/0, 5-6=0/688, 6-7=0/688, 7-8=0/688, 8-9=-111/393, 9-10=0/438, 10-11=0/435
BOT CHORD	19-20=0/1006, 18-19=0/1360, 17-18=0/711, 16-17=0/711, 15-16=-393/111, 14-15=-393/111, 13-14=-393/111
WEBS	2-20=-1077/0, 2-19=0/384, 5-16=-1274/0, 5-18=0/757, 9-13=-548/0, 8-16=-554/0, 11-13=-870/0

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 1.5x3 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) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 12-20=-8, 1-11=-80
   Concentrated Loads (lb)
   Vert: 11=-768



Job	Truss	Truss Type	Qty	Ply	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F208	Truss	7	1	Job Reference (optional)

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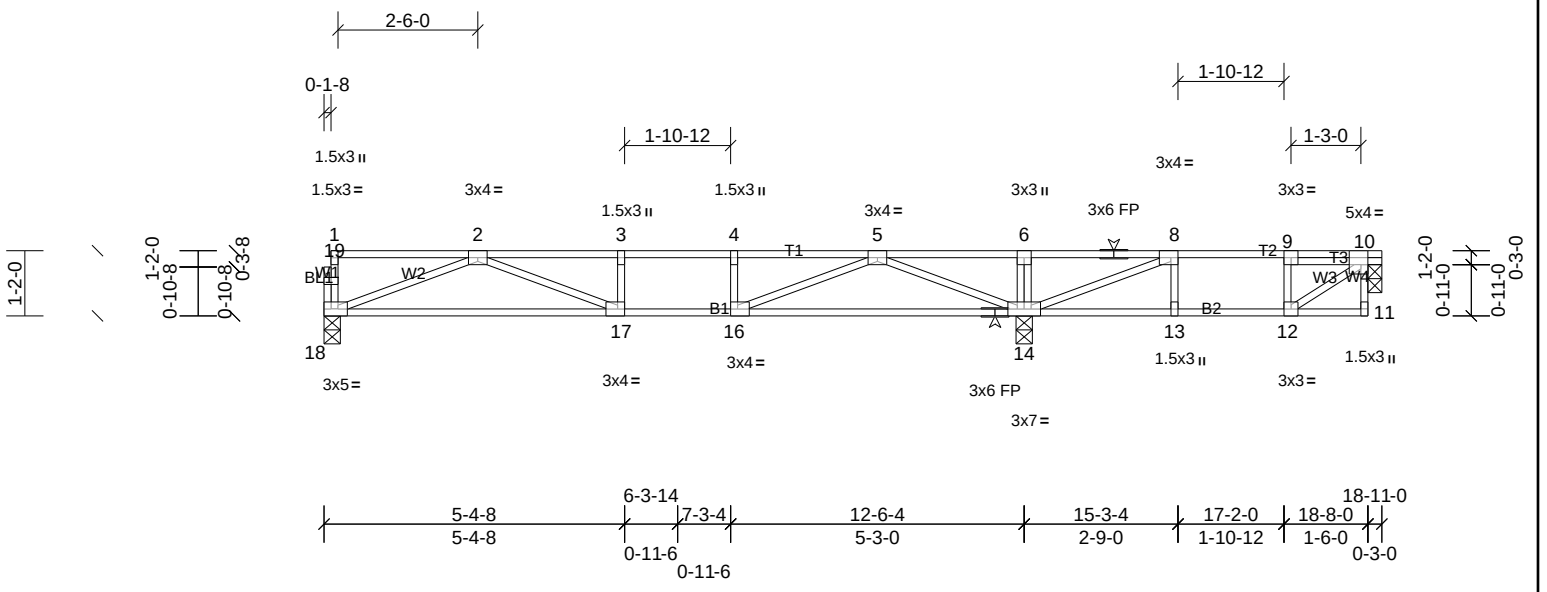
ID:Jv3BhEMefC3hhjpA8mAc6CyymFH-L1Lx5tLgoUx9HzxjgDbzyHqMpIp293GcJBq3MtyrYiS



Scale = 1:41.4

Plate Offsets (X, Y): [8:0-1-8,Edge], [10:0-1-8,Edge], [16:0-1-8,Edge], [17:0-1-8,Edge], [18:0-2-0,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.54	Vert(LL)	-0.15	17-18	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.58	Vert(CT)	-0.23	17-18	>658	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.02	14	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 92 lb	FT = 20%F, 11%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 6-0-0 oc bracing.

REACTIONS (lb/size) 10=179/0-3-0, (min. 0-1-8), 14=945/0-3-8, (min. 0-1-8), 18=496/0-3-8, (min. 0-1-8)

Max Grav 10=224 (LC 7), 14=945 (LC 1), 18=510 (LC 10)

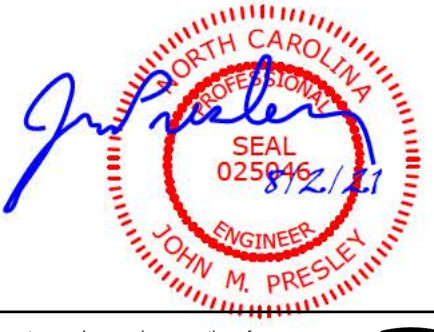
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-1438/0, 3-4=-1438/0, 4-5=-1438/0, 5-6=0/548, 6-7=0/548, 7-8=0/548, 8-9=-265/54, 9-10=-266/54
BOT CHORD	17-18=0/1039, 16-17=0/1438, 15-16=0/836, 14-15=0/836, 13-14=-54/265, 12-13=-54/265
WEBS	2-18=-1113/0, 2-17=0/431, 5-14=-1243/0, 5-16=0/719, 8-14=-702/0, 10-12=-66/325

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 10.
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 10-00-00 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) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F209	Truss	2	1	Job Reference (optional)

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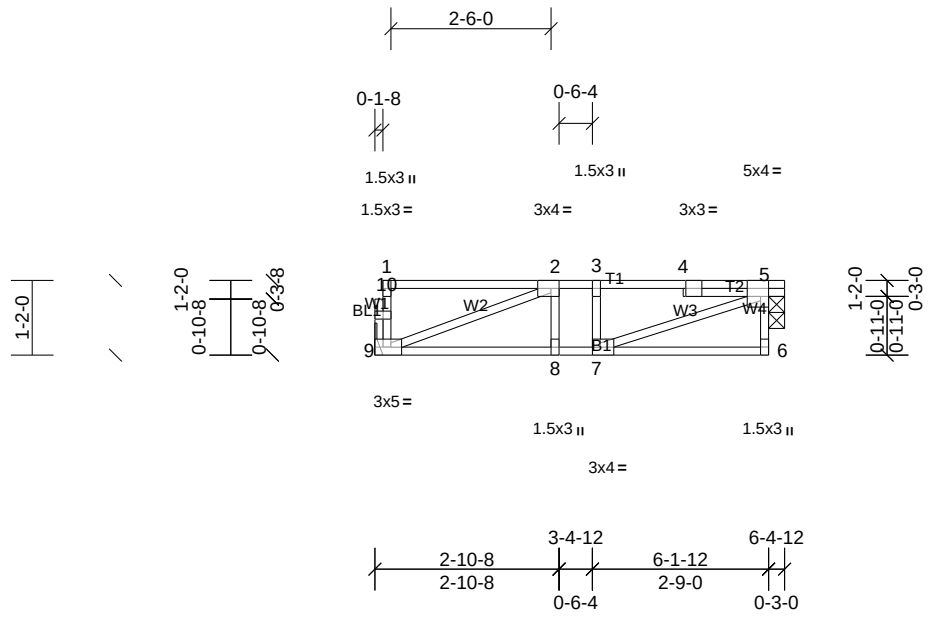
ID:n6dZuZMHQWBYItOMhUhreQyymFG-L1Lx5tLgoUx9HzxjgDbzyHqPoIv_95LcJBq3MtyrYiS



Scale = 1:36.1

Plate Offsets (X, Y): [2:0-1-8,Edge], [5:0-1-8,Edge], [7:0-1-8,Edge], [9:0-2-0,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.35	Vert(LL)	-0.02	8-9	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.20	Vert(CT)	-0.03	8-9	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 35 lb	FT = 20%F, 11%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) 5=262/0-3-0, (min. 0-1-8), 9=257/ Mechanical, (min. 0-1-8)

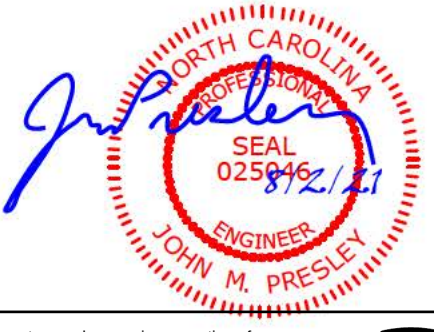
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-412/0, 3-4=-412/0, 4-5=-416/0
BOT CHORD	8-9=0/412, 7-8=0/412
WEBS	5-7=0/440, 2-9=-437/0

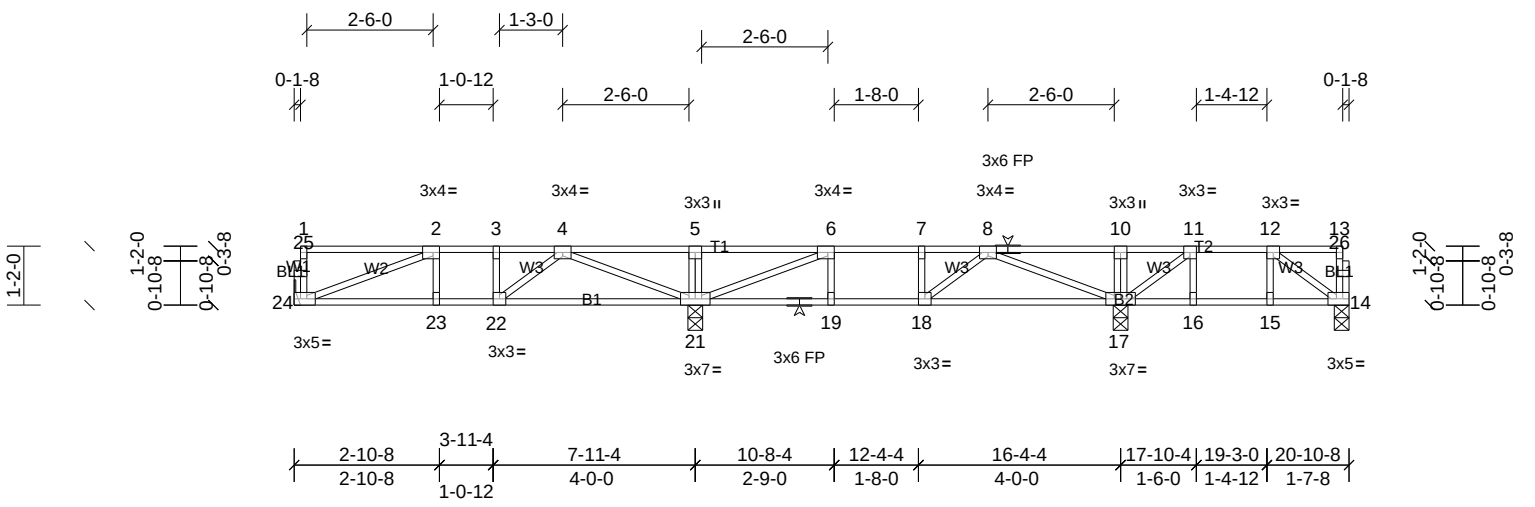
NOTES

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 10-00-00 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) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F210	Truss	2	1	Job Reference (optional)



Scale = 1:45.8

Plate Offsets (X, Y): [2:0-1-8,Edge], [6:0-1-8,Edge], [14:0-2-0,Edge], [24:0-2-0,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.36	Vert(LL)	-0.04	17-18	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.25	Vert(CT)	-0.06	17-18	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.01	14	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 105 lb	FT = 20%F, 11%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 6-0-0 oc bracing.

REACTIONS All bearings 0-3-8. except 24= Mechanical

(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) 14

Max Grav All reactions 250 (lb) or less at joint(s) 14 except 17=631 (LC 14), 21=746 (LC 16), 24=328 (LC 14)

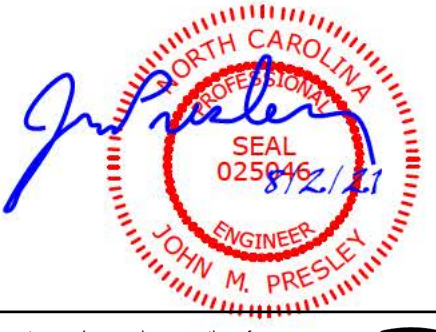
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-599/0, 3-4=-599/0, 4-5=0/256, 5-6=0/256, 6-7=-558/0, 7-8=-558/0
BOT CHORD	23-24=0/599, 22-23=0/599, 21-22=0/551, 20-21=0/558, 19-20=0/558, 18-19=0/558, 17-18=0/476
WEBS	4-21=-690/0, 2-24=-637/0, 8-17=-692/0, 6-21=-716/0, 11-17=-356/0

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 1.5x3 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14.
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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F211	Truss	1	1	Job Reference (optional)

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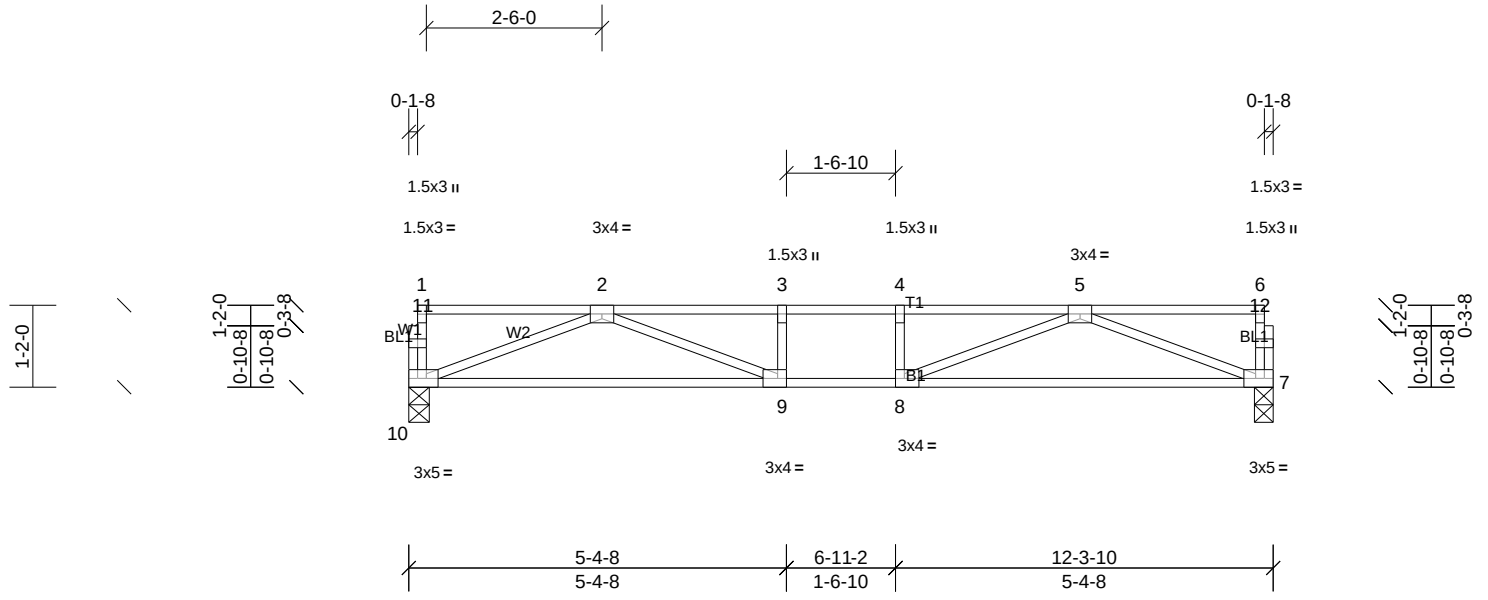


Scale = 1:32.9

Plate Offsets (X, Y): [7:0-2-0,Edge], [8:0-1-8,Edge], [9:0-1-8,Edge], [10:0-2-0,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.36	Vert(LL)	-0.12	9-10	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.53	Vert(CT)	-0.18	9-10	>799	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.02	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 60 lb	FT = 20%F, 11%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) 7=525/0-3-3, (min. 0-1-8), 10=525/0-3-8, (min. 0-1-8)

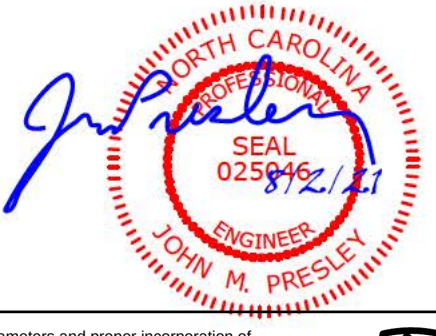
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-1537/0, 3-4=-1537/0, 4-5=-1537/0
BOT CHORD	9-10=0/1077, 8-9=0/1537, 7-8=0/1077
WEBS	5-7=-1153/0, 2-10=-1153/0, 5-8=0/571, 2-9=0/571

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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F212	Truss	9	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:42 — Page: 1

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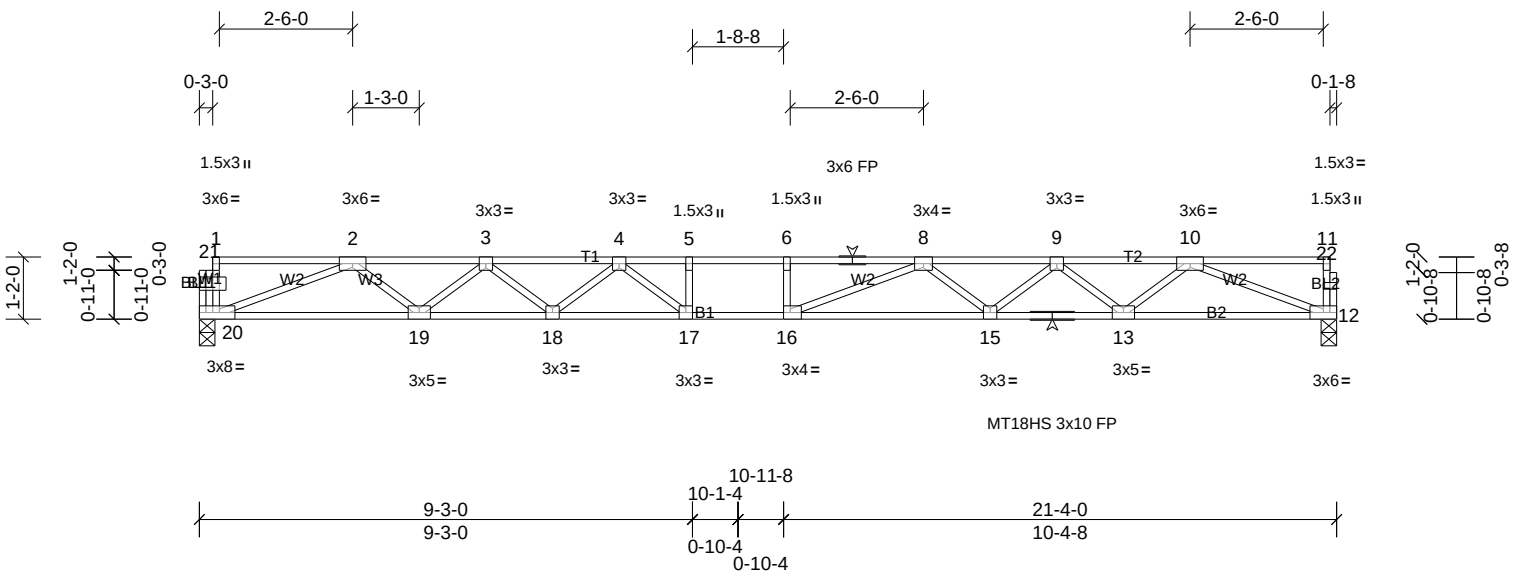


Scale = 1:43.4

Plate Offsets (X, Y): [16:0-1-8,Edge], [20:0-3-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.70	Vert(LL)	-0.49	15-16	>513	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.96	Vert(CT)	-0.68	15-16	>371	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.10	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 104 lb	FT = 20%F, 11%E

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-0-4 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 16-17,15-16.

REACTIONS (lb/size) 12=919/0-3-8, (min. 0-1-8), 20=914/0-3-8, (min. 0-1-8)

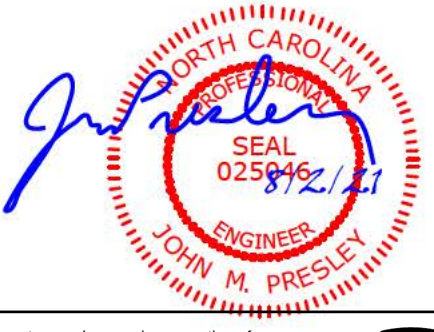
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-2818/0, 3-4=-3912/0, 4-5=-4622/0, 5-6=-4622/0, 6-7=-4622/0, 7-8=-4622/0, 8-9=-3920/0, 9-10=-2777/0
BOT CHORD	19-20=0/2108, 18-19=0/3489, 17-18=0/4334, 16-17=0/4622, 15-16=0/4335, 14-15=0/3460, 13-14=0/3460, 12-13=0/2067
WEBS	5-17=-286/0, 2-20=-2249/0, 2-19=0/924, 3-19=-873/0, 3-18=0/551, 4-18=-550/0, 4-17=-81/676, 10-12=-2218/0, 10-13=0/924, 9-13=-889/0, 9-15=0/598, 8-15=-541/0, 8-16=-128/688

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates 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) Required 2x6 strongbacks, on edge, spaced at 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F213	Truss	1	1	Job Reference (optional)

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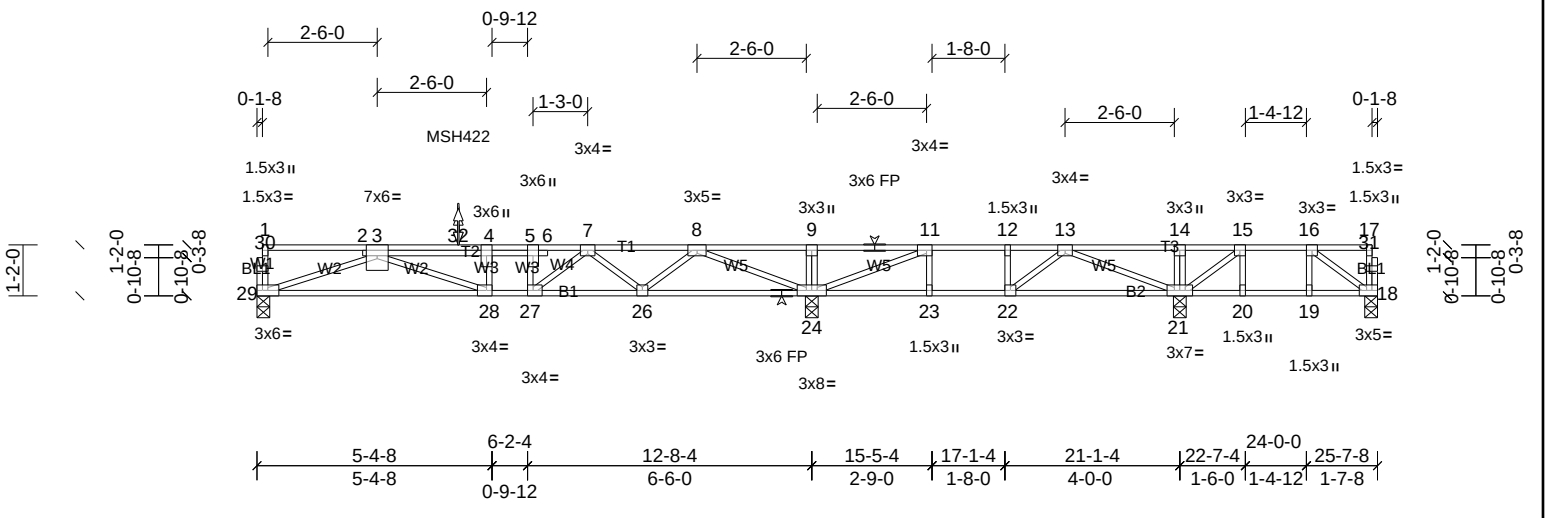
ID:oSFikeObPdvU?xOiAqjnbLyymDx-qEvJJDMJZo30u7VvEx6CVUMQhi43uU0lYrZcuKyrYiR



Scale = 1:52.9

Plate Offsets (X, Y): [5:0-3-0,Edge], [11:0-1-8,Edge], [18:0-2-0,Edge], [27:0-1-8,Edge], [28:0-1-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.98	Vert(LL)	-0.13	28-29	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.85	Vert(CT)	-0.20	28-29	>760	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.50	Horz(CT)	0.03	21	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 134 lb	FT = 20%F, 11%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 3-11-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS All bearings 0-3-8.

(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) 18

Max Grav All reactions 250 (lb) or less at joint(s) 18 except 21=610 (LC 4), 24=1185 (LC 16), 29=737 (LC 14)

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

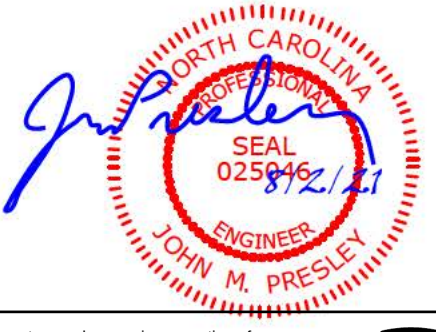
TOP CHORD	3-32=-2380/0, 4-32=-2380/0, 4-5=-2380/0, 5-6=-2380/0, 6-7=-2380/0, 7-8=-1425/0, 8-9=0/859, 9-10=0/859, 10-11=0/859, 11-12=-348/315, 12-13=-348/315, 13-14=0/372, 14-15=0/367
BOT CHORD	28-29=0/1740, 27-28=0/2380, 26-27=0/1882, 25-26=0/955, 24-25=0/955, 23-24=-315/348, 22-23=-315/348, 21-22=-213/338
WEBS	8-24=-1727/0, 3-29=-1853/0, 8-26=0/648, 3-28=0/734, 7-26=-637/0, 7-27=0/784, 4-28=-258/0, 5-27=-409/0, 13-21=-609/0, 11-24=-926/0, 15-21=-433/0

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 1.5x3 MT20 unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18.
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 10-00-00 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.
7) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent at 4-7-4 from the left end to connect truss(es) to front face of top chord.
8) Fill all nail holes where hanger is in contact with lumber.
9) 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 (lb/ft)
   Vert: 18-29=-8, 1-17=-80
   Concentrated Loads (lb)
   Vert: 32=-315 (F)



Job	Truss	Truss Type	Qty	Ply	PBS\PLAN #5 CRAFTSMAN 2F
71030131	F214	Truss	1	1	Job Reference (optional)

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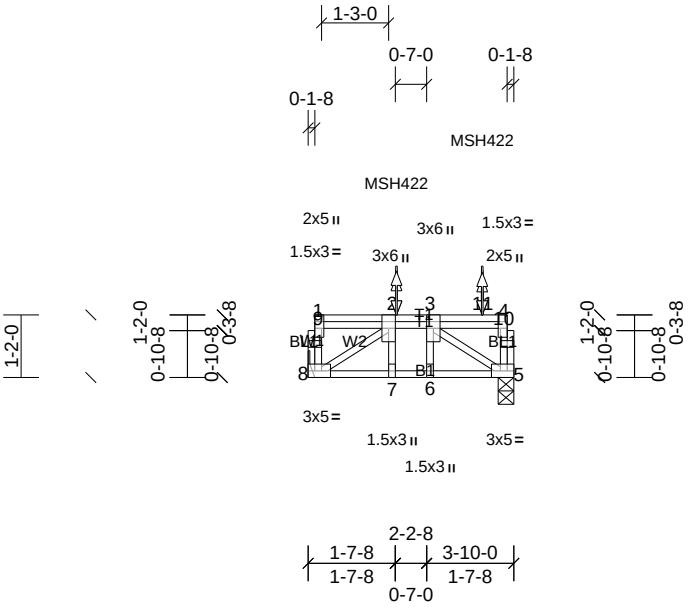


Scale = 1:43.1

Plate Offsets (X, Y): [4:0-3-0,Edge], [5:0-2-0,Edge], [8:0-2-0,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	0.21	Vert(LL)	0.00	7	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.16	Vert(CT)	-0.01	7	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.13	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 28 lb	FT = 20%F, 11%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 3-10-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=523/0-3-8, (min. 0-1-8), 8=374/ Mechanical, (min. 0-1-8)
Max Grav 5=567 (LC 4), 8=395 (LC 3)

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

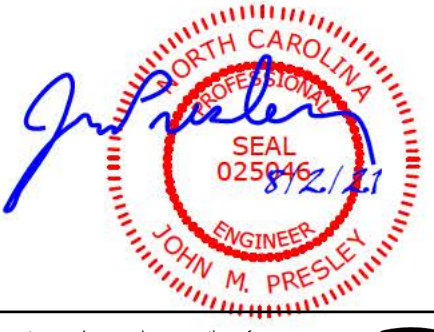
TOP CHORD	5-10=-268/0, 4-10=-268/0, 2-3=-443/0
BOT CHORD	7-8=0/443, 6-7=0/443, 5-6=0/443
WEBS	3-5=-520/0, 2-8=-534/0

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 10-00-00 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) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent spaced at 1-7-3 oc max. starting at 1-7-12 from the left end to 3-2-15 to connect truss(es) to back face of top chord.
5) Fill all nail holes where hanger is in contact with lumber.
6) 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 (lb/ft)
   Vert: 5-8=-10, 1-4=-100
   Concentrated Loads (lb)
   Vert: 2=-247 (B), 11=-267 (B)



Job	Truss	Truss Type	Qty	Ply	PBS\PLAN #5 CRAFTSMAN 2F
71030131	L200	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:43 — Page: 1

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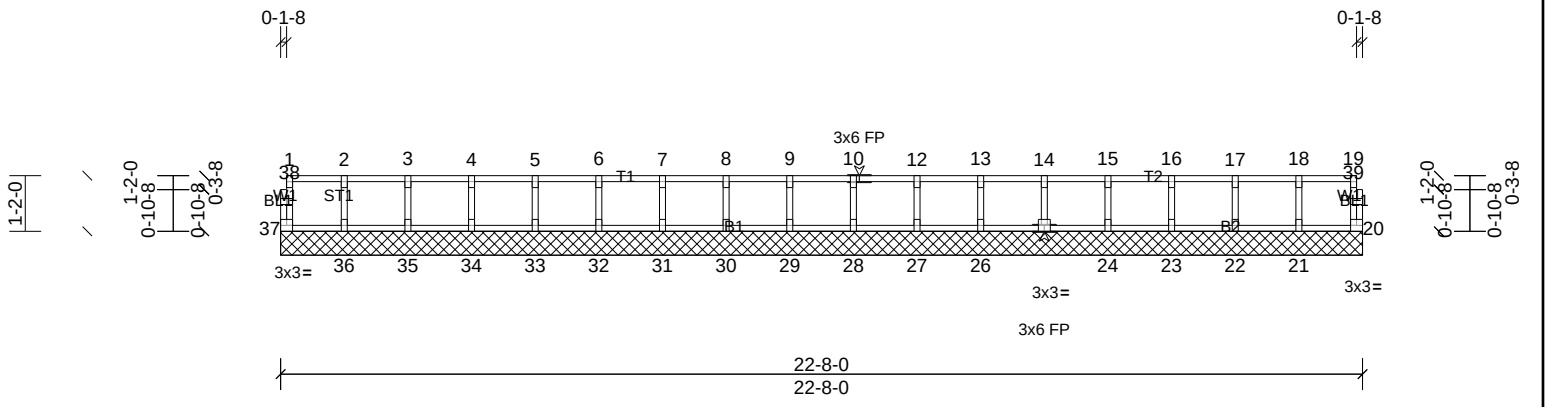


Scale = 1:48.5

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	20	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 94 lb	FT = 20%F, 11%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 All bearings 22-8-0.

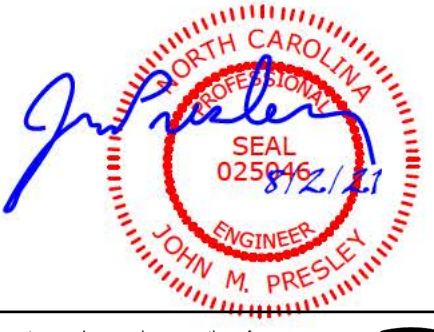
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37

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

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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	L202	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton — Run: 8.43 S Jan 4 2021 Print: 8.430 S Jan 4 2021 MiTek Industries, Inc. Tue Aug 03 13:54:43 — Page: 1

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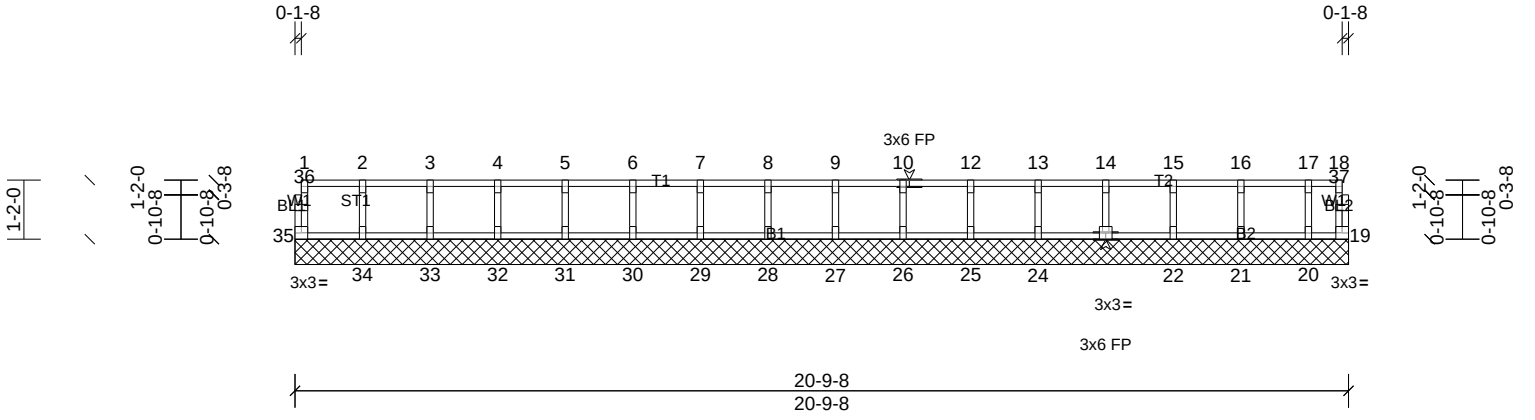


Scale = 1:45.7

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	19	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 87 lb	FT = 20%F, 11%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) *Except* 19-37:2x4 SP No.2(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 All bearings 20-9-8.

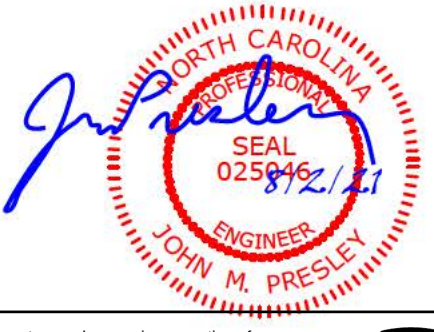
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35

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

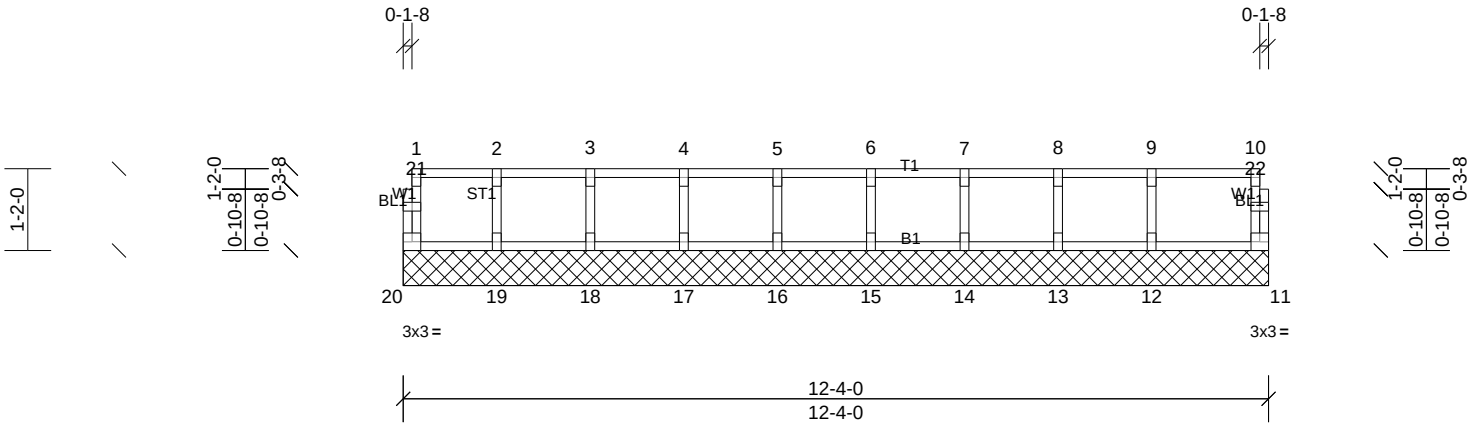
NOTES

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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	L203	Truss	2	1	Job Reference (optional)



Scale = 1:33

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	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 52 lb	FT = 20%F, 11%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 All bearings 12-4-0.

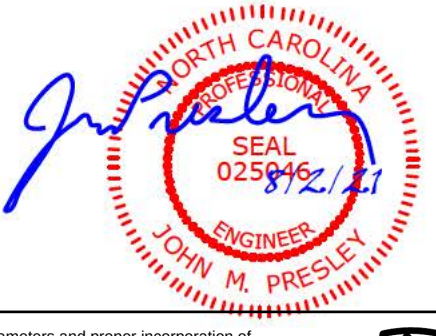
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

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

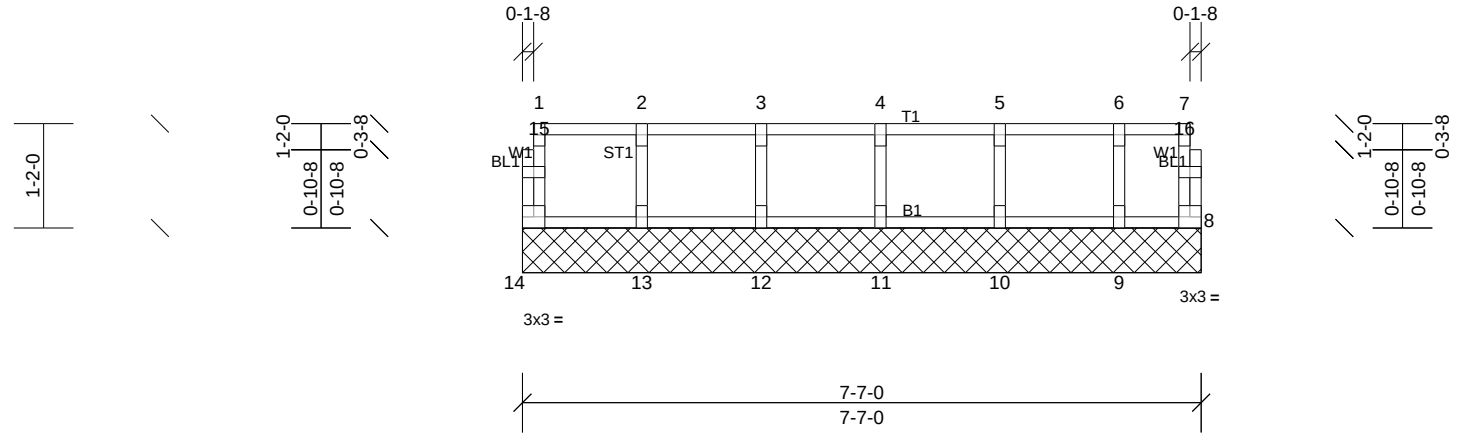
NOTES

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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	L204	Truss	1	1	Job Reference (optional)



Scale = 1:25.9

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 34 lb	FT = 20%F, 11%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.

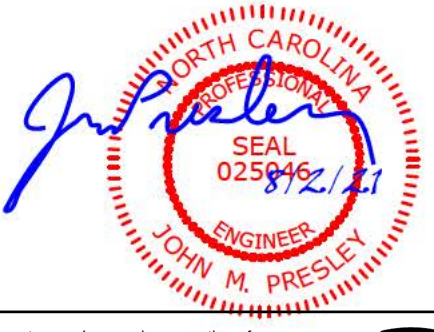
REACTIONS All bearings 7-7-0.
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 8, 9, 10, 11, 12, 13, 14

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

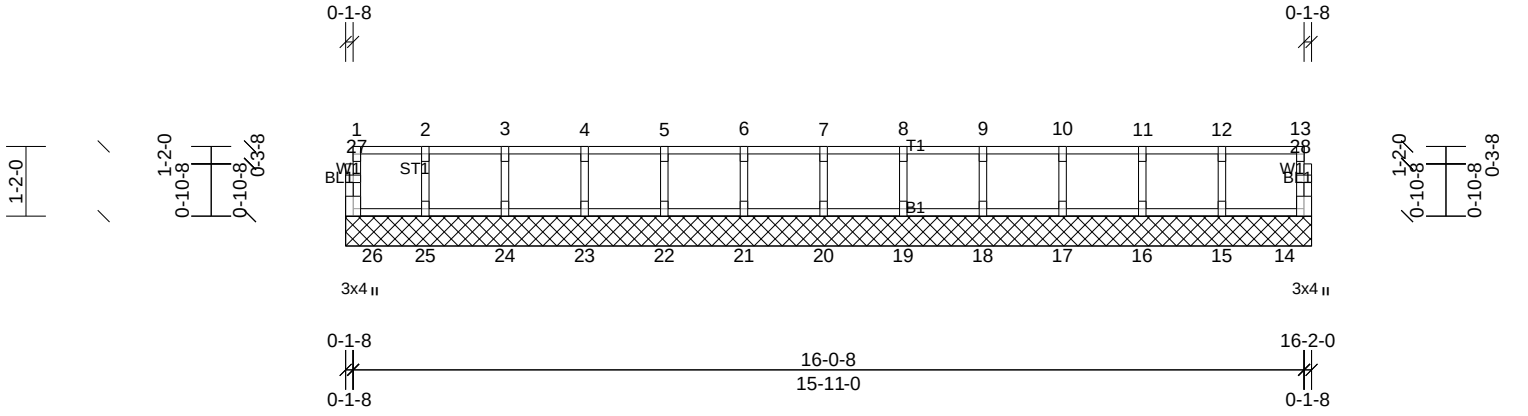
NOTES

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 10-00-00 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	PBS\PLAN #5 CRAFTSMAN 2F
71030131	L206	Truss	1	1	Job Reference (optional)



Scale = 1:38.7

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	14	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 68 lb	FT = 20%F, 11%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 All bearings 16-2-0.

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26

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

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) Bearing at joint(s) 26, 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
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) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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