

Job 72423581	Truss FT201	Truss Type Truss	Qty 1	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Tue Jul 30 10:59:09

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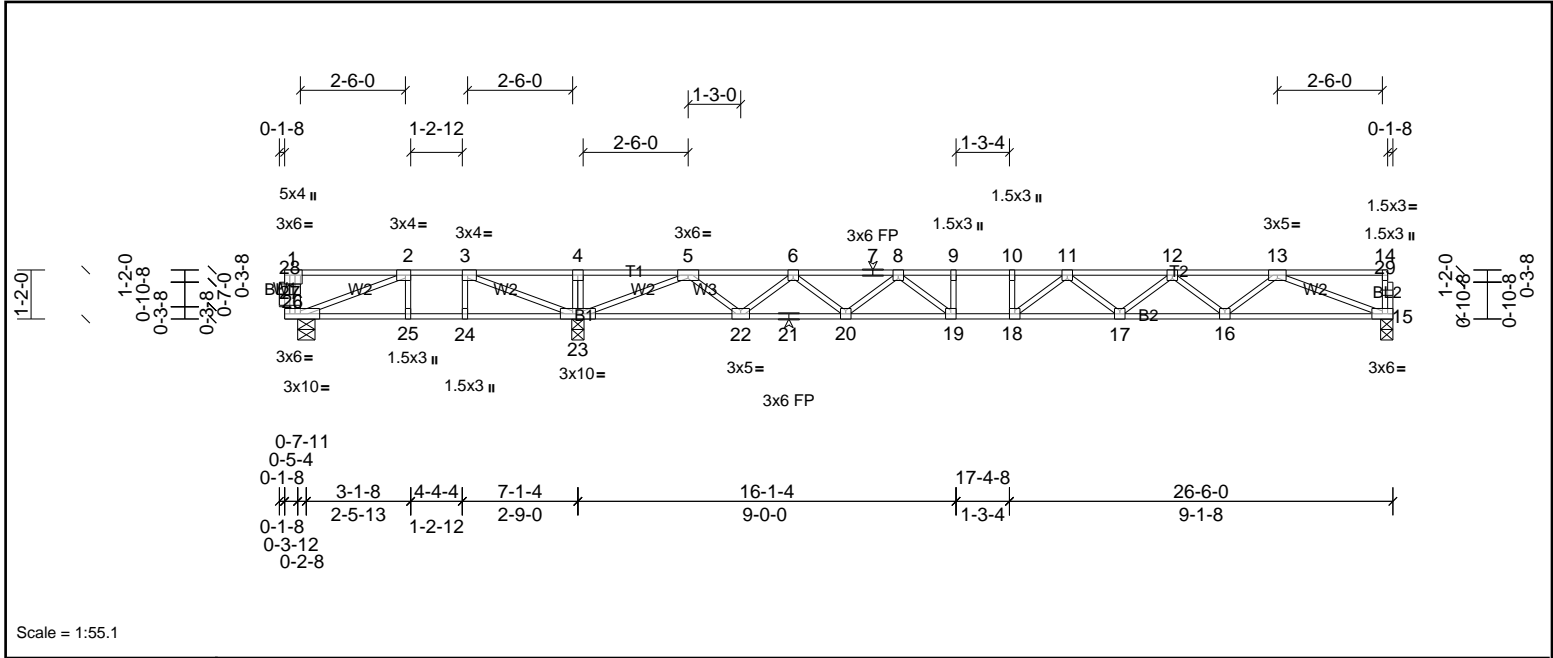


Plate Offsets (X, Y): [1:Edge,0-1-8], [2:0-1-8,Edge], [3:0-1-8,Edge], [27:0-4-8,Edge], [28:0-4-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI	DEFLL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	40.0	Plate Grip DOL	1.00	TC	0.84	Vert(LL)	-0.30	17-18	>781	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.98	Vert(CT)	-0.41	17-18	>571	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.06	15	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 133 lb	FT = 20%F, 11%E

LUMBER	BRACING
TOP CHORD 2x4 SP No.1(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2(flat)	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2x4 SP No.3(flat)	
OTHERS 2x4 SP No.3(flat)	

REACTIONS	(lb/size)
	15=749/0-3-8, (min. 0-1-8), 23=1506/0-3-8, (min. 0-1-8), 26=34/0-4-15, (min. 0-1-8)
Max Uplift	26=-178 (LC 4)
Max Grav	15=757 (LC 7), 23=1506 (LC 1), 26=221 (LC 3)

FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-253/711, 3-4=0/1805, 4-5=0/1805, 5-6=-1242/0, 6-7=-2370/0, 7-8=-2370/0, 8-9=-3104/0, 9-10=-3104/0, 10-11=-3104/0, 11-12=-2920/0, 12-13=-2180/0
BOT CHORD	25-26=-711/253, 24-25=-711/253, 23-24=-711/253, 22-23=0/512, 21-22=0/1930, 20-21=0/1930, 19-20=0/2806, 18-19=0/3104, 17-18=0/3134, 16-17=0/2668, 15-16=0/1661
WEBS	3-23=-1424/0, 5-23=-2251/0, 13-15=-1782/0, 5-22=0/976, 13-16=0/676, 6-22=-926/0, 12-16=-635/0, 6-20=0/594, 12-17=0/328, 8-20=-590/0, 11-17=-279/0, 8-19=0/598, 11-18=-291/285, 9-19=-264/0, 2-26=-271/760

- NOTES**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 3x3 MT20 unless otherwise indicated.
 - 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 178 lb uplift at joint 26.
 - 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.



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



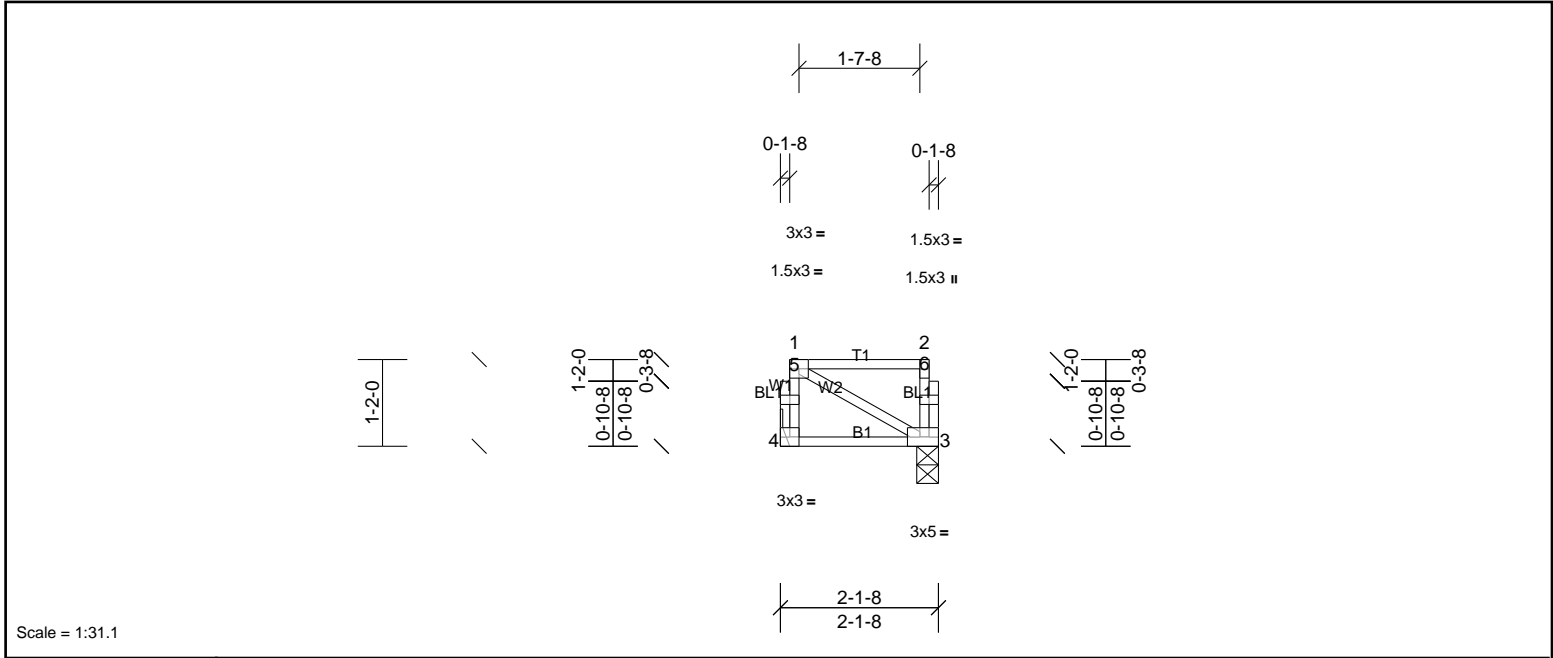
Job 72423581	Truss FT203	Truss Type Truss	Qty 1	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton

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Scale = 1:31.1

Plate Offsets (X, Y):	[3:0-2-0,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	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.03	Vert(CT)	0.00	3-4	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 14 lb	FT = 20%F, 11%E

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

REACTIONS (lb/size) 3=97/0-3-8, (min. 0-1-8), 4=97/ Mechanical, (min. 0-1-8)

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

NOTES

1) 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.

2) 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.



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



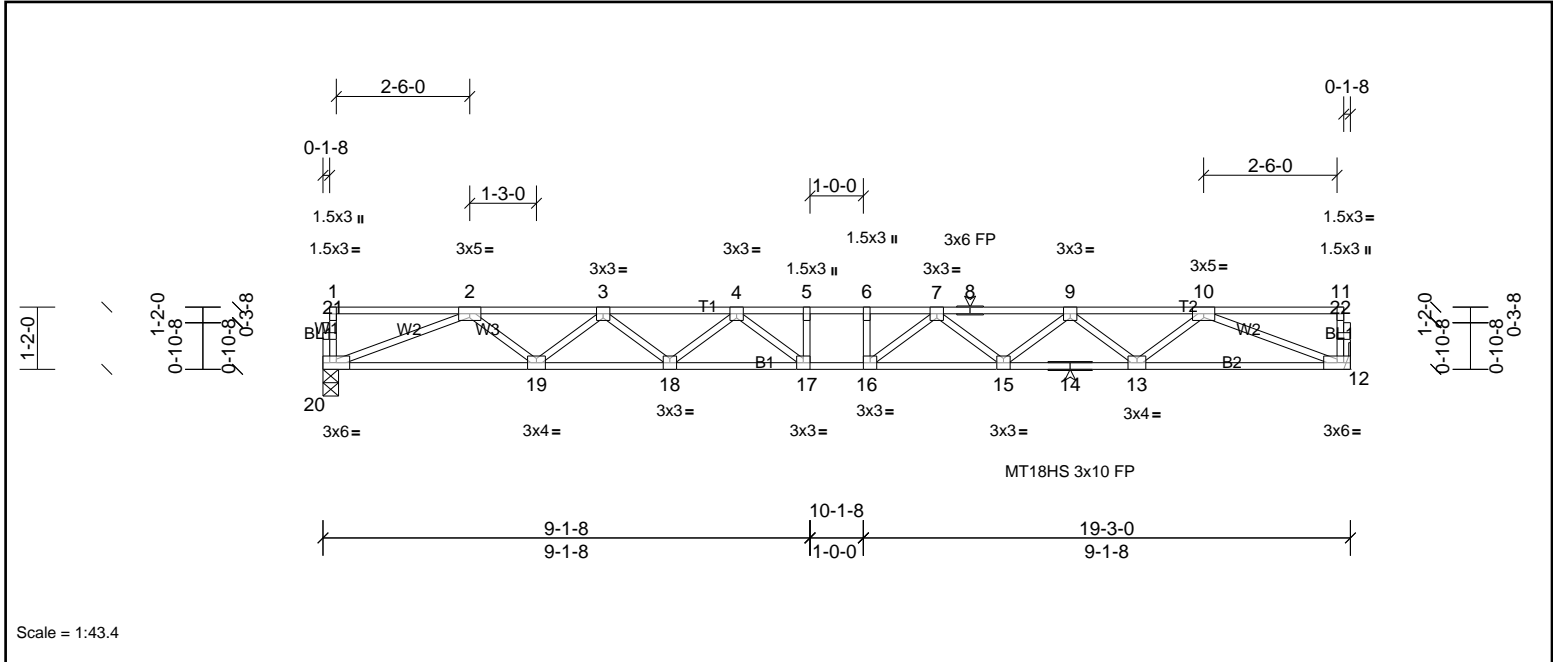
Job 72423581	Truss FT204	Truss Type Truss	Qty 6	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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Loading	(psf)	Spacing	1-7-3	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	Vert(LL)	-0.34	16-17	>675	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	Vert(CT)	-0.46	16-17	>491	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	Horz(CT)	0.08	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH						Weight: 96 lb	FT = 20%F, 11%E

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

REACTIONS	(lb/size)	12=831/ Mechanical, (min. 0-1-8), 20=831/0-3-8, (min. 0-1-8)
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	2-3=-2455/0, 3-4=-3362/0, 4-5=-3787/0, 5-6=-3787/0, 6-7=-3787/0, 7-8=-3362/0, 8-9=-3362/0, 9-10=-2455/0	
BOT CHORD	19-20=0/1847, 18-19=0/3028, 17-18=0/3673, 16-17=0/3787, 15-16=0/3673, 14-15=0/3028, 13-14=0/3028, 12-13=0/1847	
WEBS	10-12=-1982/0, 2-20=-1982/0, 10-13=0/791, 2-19=0/791, 9-13=-746/0, 3-19=-746/0, 9-15=0/434, 3-18=0/434, 7-15=-406/0, 4-18=-406/0, 7-16=-158/414, 4-17=-158/414	

- 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 10-00-00 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.



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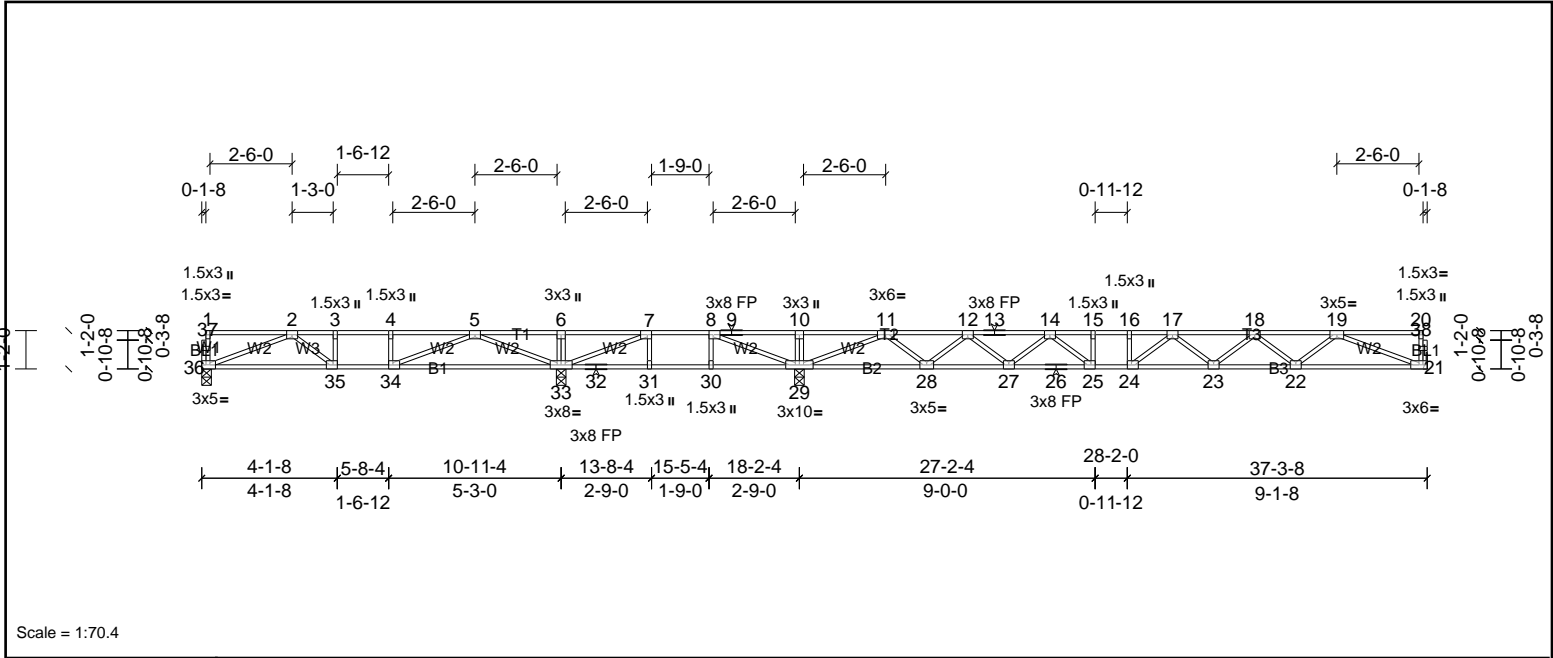
Job 72423581	Truss FT205	Truss Type Truss	Qty 3	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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Scale = 1:70.4

Plate Offsets (X, Y):	[7:0-1-8,Edge], [8:0-1-8,Edge], [24:0-1-8,Edge], [25:0-1-8,Edge], [34:0-1-8,Edge], [35:0-1-8,Edge], [36:0-2-0,Edge]
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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	0.91	Vert(LL)	-0.28	23-24	>810	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.93	Vert(CT)	-0.38	23-24	>593	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.05	21	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH								

Weight: 182 lb FT = 20%F, 11%E

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

REACTIONS All bearings 0-3-8, except 21= Mechanical
 (lb) - Max Grav All reactions 250 (lb) or less at joint(s) except 21=732 (LC 4), 29=1375 (LC 4), 33=864 (LC 3), 36=399 (LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-880/85, 3-4=-880/85, 4-5=-880/85, 5-6=0/1235, 6-7=0/1235, 7-8=-21/1351, 8-9=0/1950, 9-10=0/1950, 10-11=0/1950, 11-12=-1029/0, 12-13=-2165/0, 13-14=-2165/0, 14-15=-2888/0, 15-16=-2888/0, 16-17=-2888/0, 17-18=-2764/0, 18-19=-2086/0
 BOT CHORD 35-36=0/759, 34-35=-85/880, 33-34=-478/369, 32-33=-1351/21, 31-32=-1351/21, 30-31=-1351/21, 29-30=-1351/21, 28-29=-202/298, 27-28=0/1724, 26-27=0/2600, 25-26=0/2600, 24-25=0/2888, 23-24=0/2948, 22-23=0/2543, 21-22=0/1598
 WEBS 6-33=-261/0, 5-33=-1250/0, 2-36=-811/0, 5-34=0/746, 7-33=-497/283, 8-29=-987/0, 11-29=-2220/0, 19-21=-1714/0, 11-28=0/969, 19-22=0/635, 12-28=-926/0, 18-22=-594/0, 12-27=0/594, 18-23=0/288, 14-27=-586/0, 14-25=0/575, 17-24=-320/226

- NOTES**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 3x4 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.



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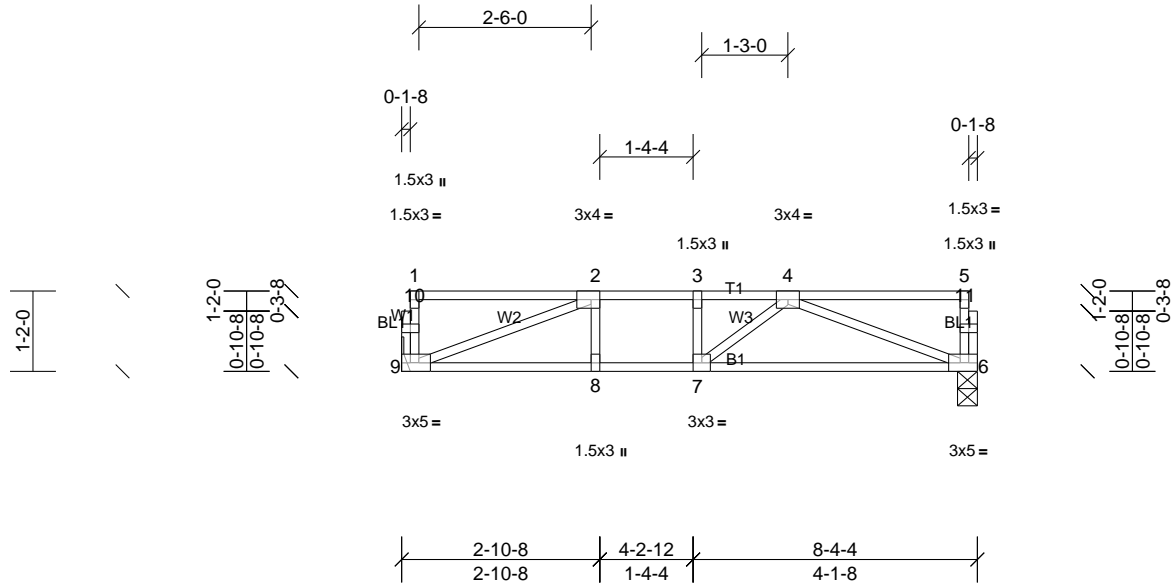
Job 72423581	Truss FT206	Truss Type Truss	Qty 1	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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Scale = 1:33.6

Plate Offsets (X, Y): [2:0-1-8,Edge], [6:0-2-0,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	0.34	Vert(LL)	-0.05	6-7	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.31	Vert(CT)	-0.08	6-7	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.01	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 42 lb	FT = 20%F, 11%E

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

REACTIONS	(lb/size)	6=352/0-3-7, (min. 0-1-8), 9=352/ Mechanical, (min. 0-1-8)
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	2-3=-676/0, 3-4=-676/0	
BOT CHORD	8-9=0/676, 7-8=0/676, 6-7=0/642	
WEBS	4-6=-685/0, 2-9=-720/0	

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - 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.
 - 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.



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Job 72423581	Truss FT207	Truss Type Truss	Qty 4	Ply 1	HH Hunt\CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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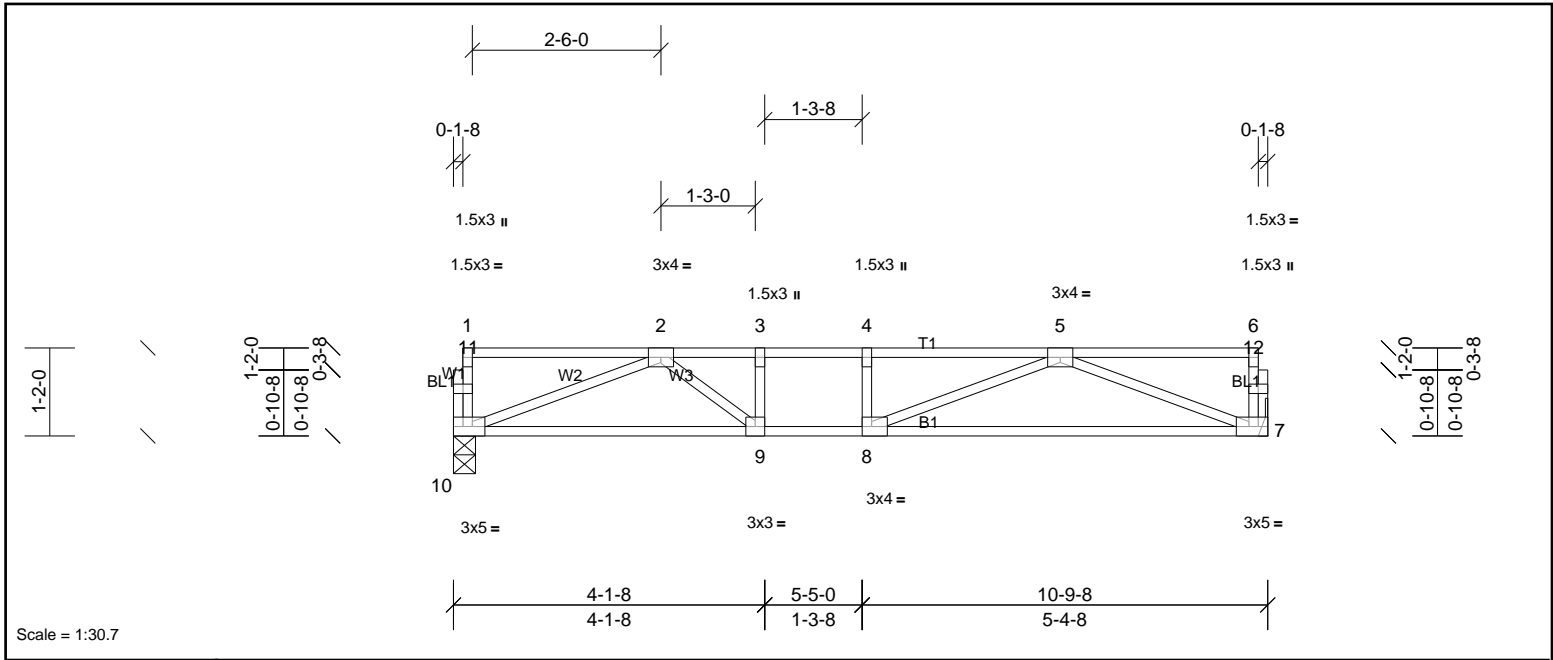


Plate Offsets (X, Y): [7:0-2-0,Edge], [8:0-1-8,Edge], [10:0-2-0,Edge]

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	0.43	Vert(LL)	-0.09	7-8	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.46	Vert(CT)	-0.17	7-8	>762	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.27	Horz(CT)	0.02	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 54 lb	FT = 20%F, 11%E

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

REACTIONS (lb/size) 7=459/ Mechanical, (min. 0-1-8), 10=459/0-3-8, (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1164/0, 3-4=-1164/0, 4-5=-1164/0
 BOT CHORD 9-10=0/915, 8-9=0/1164, 7-8=0/911
 WEBS 5-7=-975/0, 2-10=-979/0, 5-8=0/363, 2-9=0/415

- 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.



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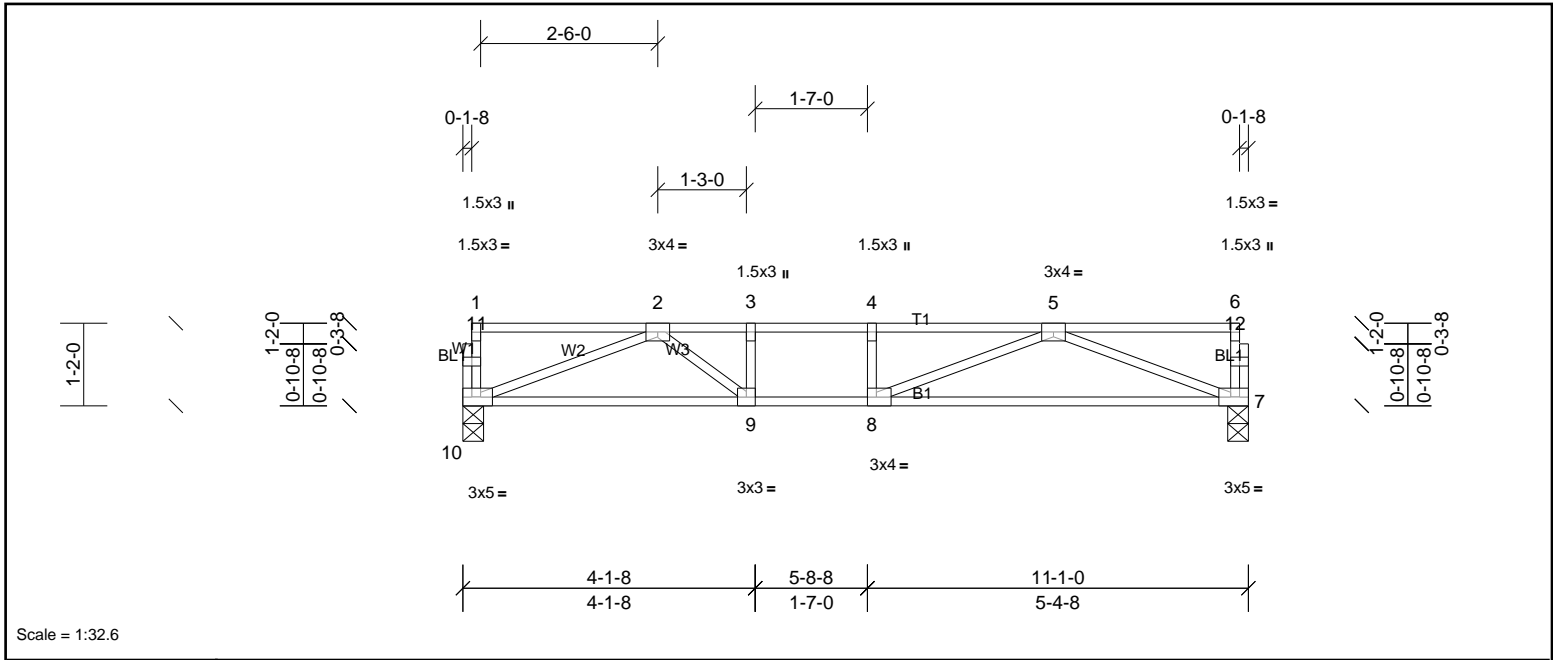
Job 72423581	Truss FT208	Truss Type Truss	Qty 4	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton

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Scale = 1:32.6

Plate Offsets (X, Y): [7:0-2-0,Edge], [8:0-1-8,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	0.50	Vert(LL)	-0.11	7-8	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.51	Vert(CT)	-0.19	7-8	>684	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.02	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 54 lb	FT = 20%F, 11%E

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

REACTIONS	(lb/size)	7=472/0-3-8, (min. 0-1-8), 10=472/0-3-8, (min. 0-1-8)
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD		2-3=-1222/0, 3-4=-1222/0, 4-5=-1222/0
BOT CHORD		9-10=0/947, 8-9=0/1222, 7-8=0/943
WEBS		5-7=-1009/0, 2-10=-1013/0, 5-8=0/398, 2-9=0/454

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - 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.
 - 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.



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



Job 72423581	Truss FT209	Truss Type Truss	Qty 1	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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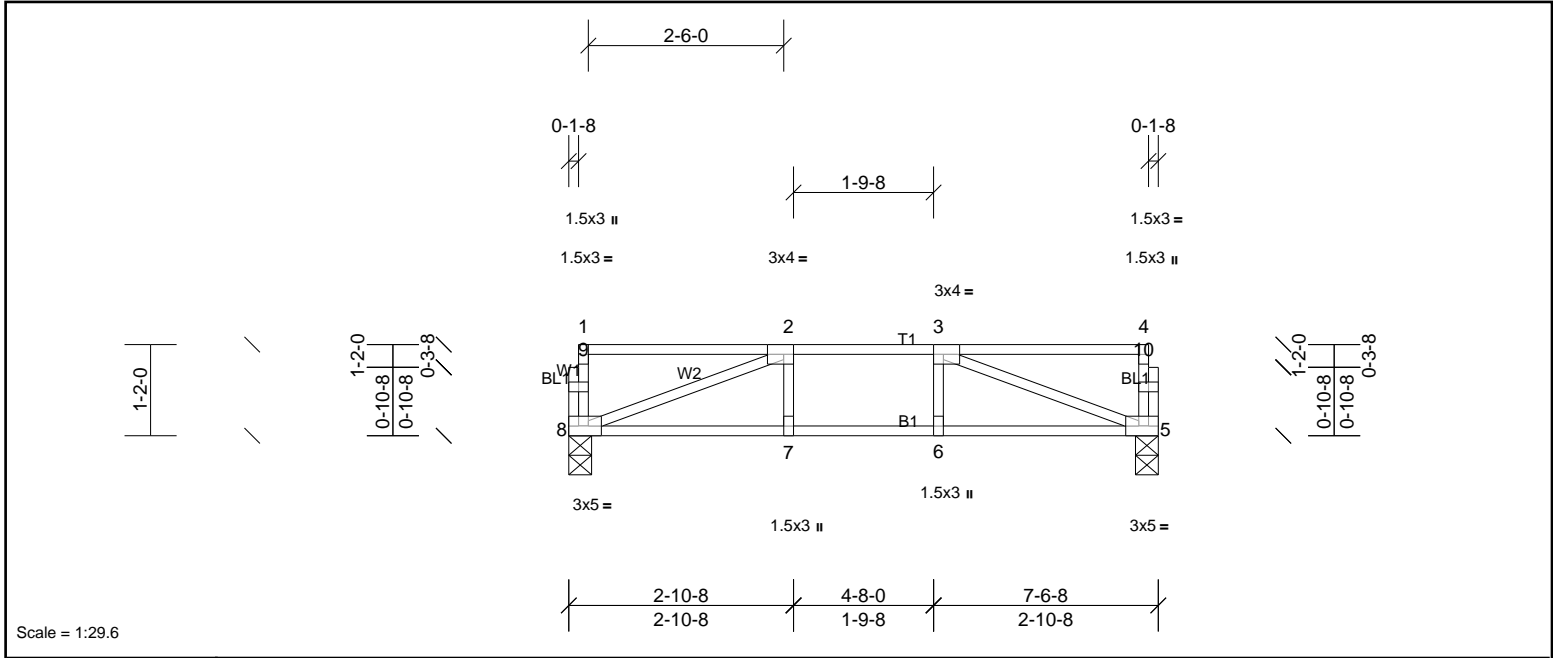


Plate Offsets (X, Y): [2:0-1-8,Edge], [3:0-1-8,Edge], [5:0-2-0,Edge], [8:0-2-0,Edge]

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	0.47	Vert(LL)	-0.05	7-8	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.36	Vert(CT)	-0.06	7-8	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.01	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 38 lb	FT = 20%F, 11%E

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

REACTIONS	(lb/size)	5=395/0-3-8, (min. 0-1-8), 8=395/0-3-8, (min. 0-1-8)
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	2-3=-706/0	
BOT CHORD	7-8=0/706, 6-7=0/706, 5-6=0/706	
WEBS	3-5=-750/0, 2-8=-750/0	

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - 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.
 - 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.



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



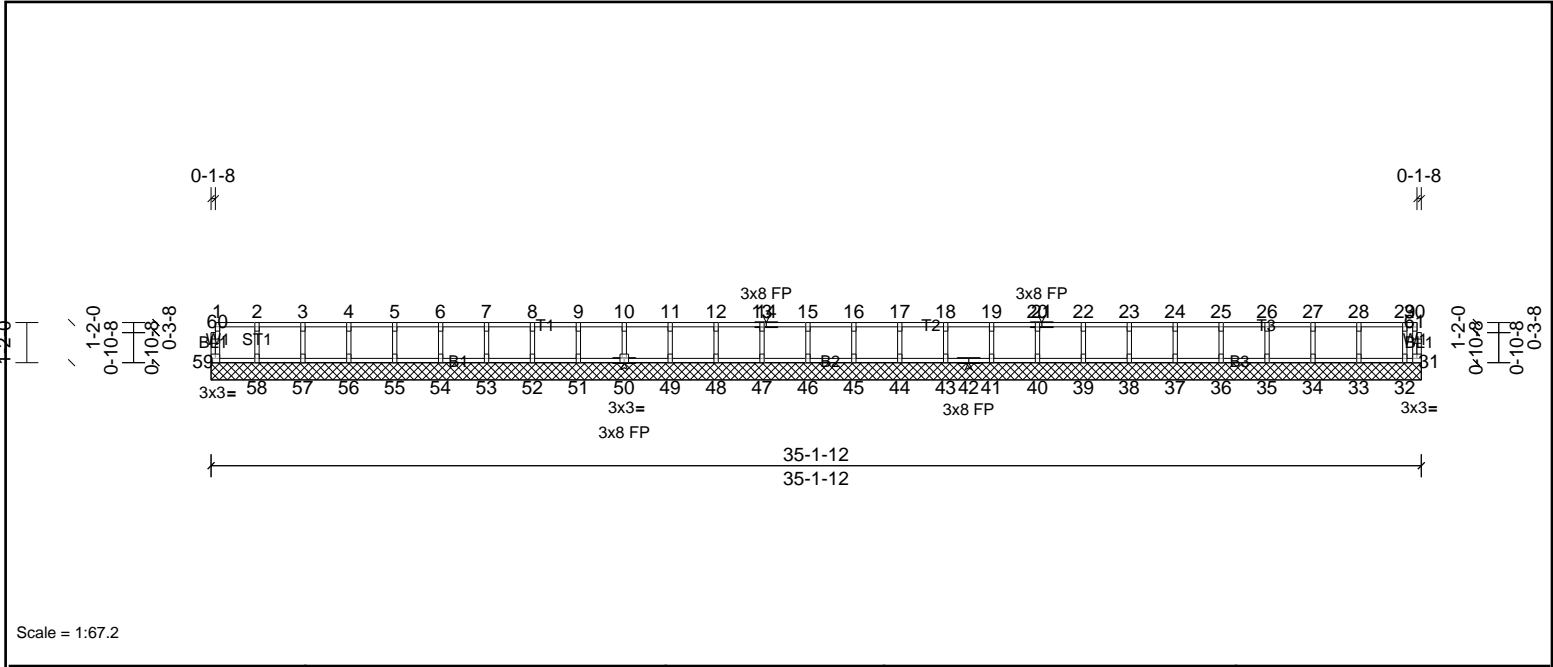
Job 72423581	Truss KW200	Truss Type Truss	Qty 1	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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Scale = 1:67.2

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	0.06	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)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 145 lb	FT = 20%F, 11%E

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

REACTIONS All bearings 35-1-12.
 (lb) - Max Uplift All uplift 100 (lb) or less at joint(s) 31
 Max Grav All reactions 250 (lb) or less at joint(s) 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

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

- NOTES**
- All plates are 1.5x3 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 31.
 - 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.
 - 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.



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



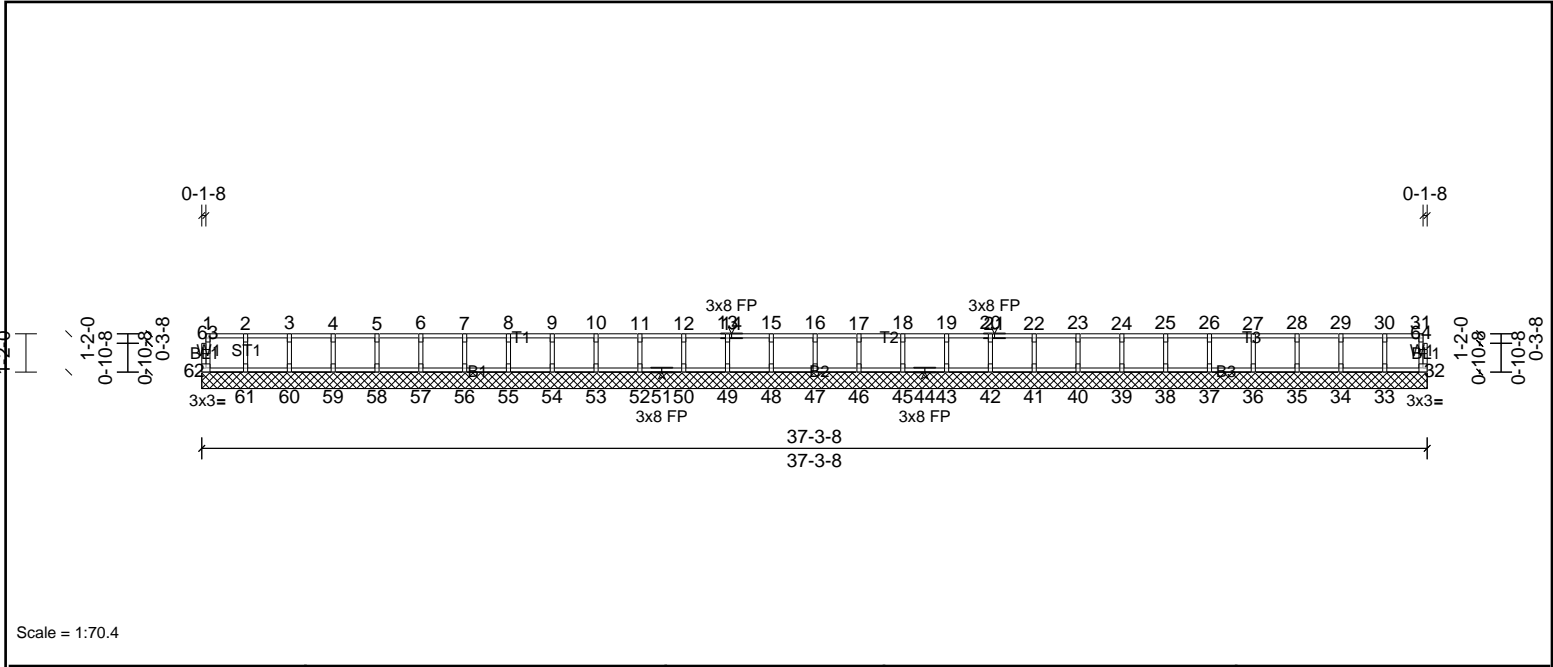
Job 72423581	Truss KW201	Truss Type Truss	Qty 1	Ply 1	HH Hunt/CHATHAM FRMH A 2ND FL OW Job Reference (optional)
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Scale = 1:70.4

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	0.06	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	0.02	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 152 lb	FT = 20%F, 11%E

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

REACTIONS All bearings 37-3-8.
 (lb) - Max Grav All reactions 250 (lb) or less at joint(s) 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 45, 46, 47, 48, 49, 50, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

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.



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