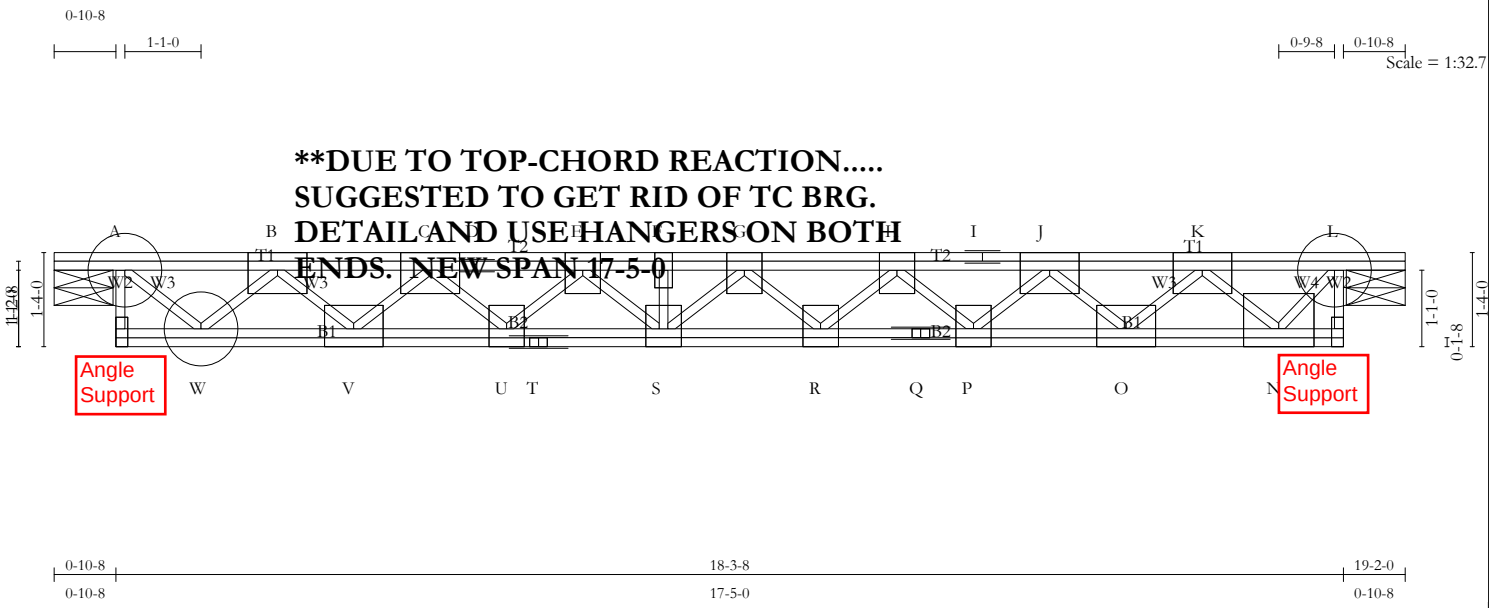
Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	A	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:44 2008 Page 1



*** Design Problems ***
REVIEW REQUIRED

Max Vertical Deflection Exceeded In Span: M-X
Allowable Top Chord Reaction Exceeded: A, L

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

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.45	Vert(LL)	-0.38	R-S	>545	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.81	Vert(TL)	-0.60	R-S	>348	600	MT18H	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.96	Horz(TL)	-0.10	L	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 145 lb	

LUMBER
TOP CHORD 4 X 2 SYP SS
BOT CHORD 4 X 2 SYP SS
WEBS 4 X 2 SYP No.3 *Except*
W3 4 X 2 SYP No.2, W3 4 X 2 SYP No.2, W3 4 X 2 SYP No.2, W4 4 X 2 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) A=3181/0-10-0, L=3181/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-X=10, L-M=5, A-B=-3007, B-C=-7778, C-D=0, D-E=0, E-F=-12488, F-G=-12488, G-H=-12277, H-I=0, I-J=0, J-K=-7223, K-L=-2285
BOT CHORD W-X=0, V-W=5837, U-V=9704, T-U=12000, S-T=12000, R-S=12723, Q-R=11815, P-Q=11815, O-P=9268, N-O=5166, M-N=0
WEBS A-W=4139, B-W=-4002, B-V=2744, C-V=-2724, C-U=1635, E-U=-1611, E-S=672, F-S=-226, G-S=-322, G-R=-630, H-R=654, H-P=-1790, J-P=1812, J-O=-2891, K-O=2909, K-N=-4074, L-N=3691

NOTES (7)
1) All plates are MT20 plates unless otherwise indicated.
2) Following joints to be plated by qualified designer: Joint(s) A, L, W, not plated.
3) This truss is designed in accordance with the 2003 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 3-16d 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) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
7) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**B**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:44 2008 Page 1

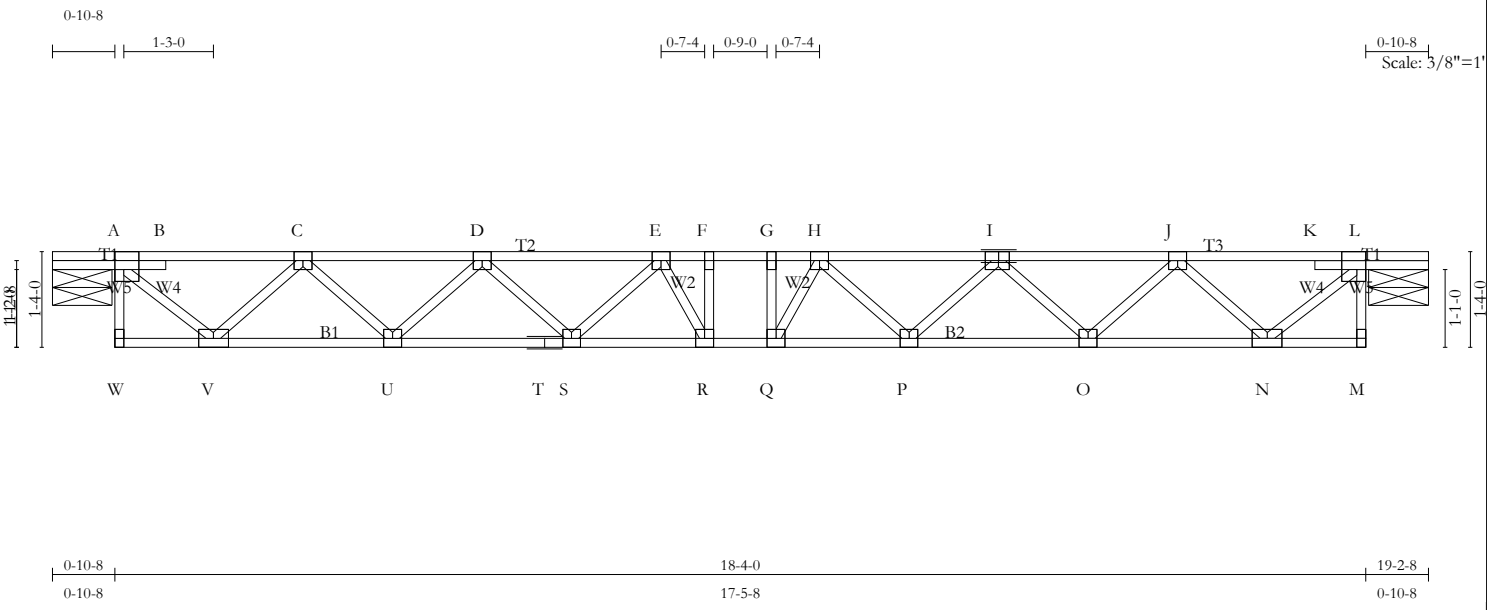


Plate Offsets (X,Y): [A:0-1-8,Edge], [I:0-1-12,Edge], [L:0-1-8,Edge]

LOADING (psf)		**SPACING**	1-7-3	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.23	Vert(LL)	-0.16	R	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.61	Vert(TL)	-0.25	R	>842	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.40	Horz(TL)	-0.04	L	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 98 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=762/0-10-0, L=762/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-W=4, L-M=3, A-B=0, B-C=0, C-D=-991, D-E=-1478, E-F=-1825, F-G=-1825, G-H=-1825, H-I=-1859, I-J=-1462, J-K=0, K-L=0
BOT CHORD V-W=0, U-V=700, T-U=1258, S-T=1258, R-S=1694, Q-R=1825, P-Q=1920, O-P=1765, N-O=1143, M-N=0
WEBS A-V=500, L-N=810, C-V=-450, J-N=-740, C-U=406, J-O=445, D-U=-372, I-O=-420, D-S=306, I-P=131, E-S=-300, H-P=-85, E-R=272, H-Q=-197, F-R=-174, G-Q=128

NOTES (6)
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 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	C	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:45 2008 Page 1

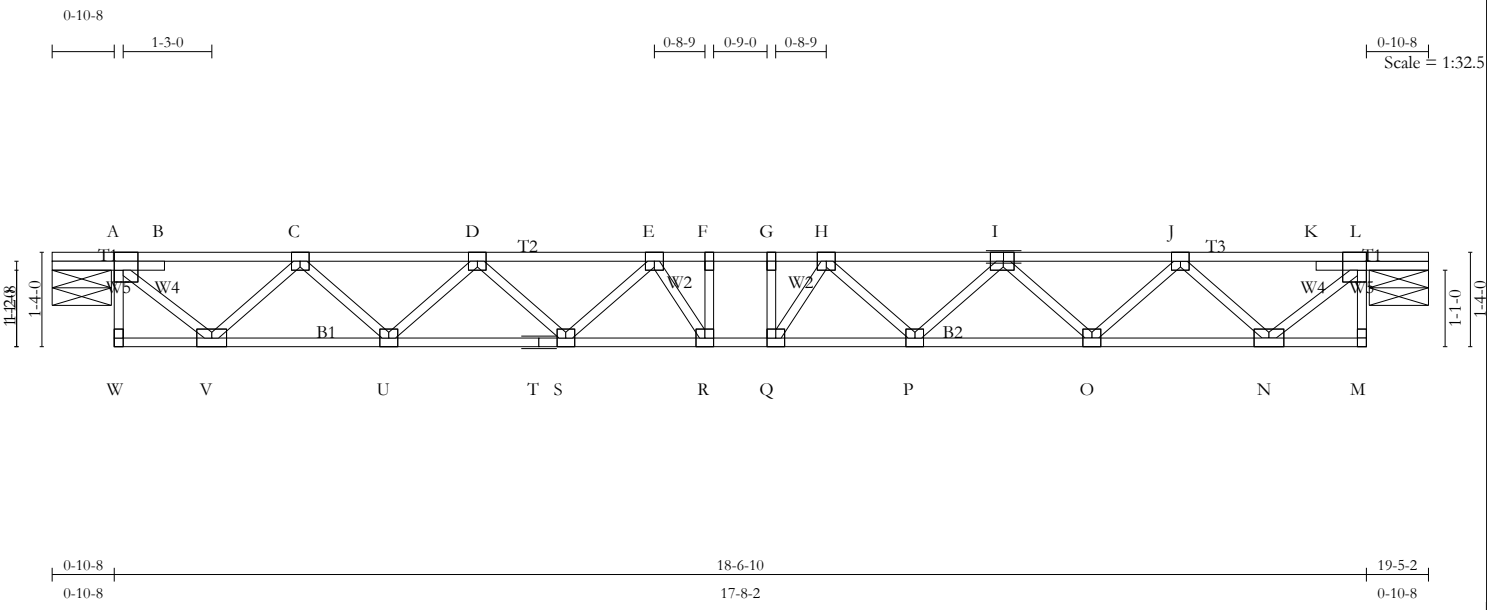


Plate Offsets (X,Y): [A:0-1-8,Edge], [I:0-1-12,Edge], [L:0-1-8,Edge]

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.23	Vert(LL)	-0.17	R	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.62	Vert(TL)	-0.26	R	>813	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.40	Horz(TL)	-0.05	L	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 99 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=772/0-10-0, L=772/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-W=4, L-M=3, A-B=0, B-C=0, C-D=-1005, D-E=-1501, E-F=-1871, F-G=-1871, G-H=-1871, H-I=-1900, I-J=-1487, J-K=0, K-L=0
BOT CHORD V-W=0, U-V=709, T-U=1277, S-T=1277, R-S=1720, Q-R=1871, P-Q=1969, O-P=1798, N-O=1159, M-N=0
WEBS A-V=506, L-N=822, C-V=-456, J-N=-751, C-U=412, J-O=456, D-U=-378, I-O=-432, D-S=312, I-P=143, E-S=-305, H-P=-96, E-R=279, H-Q=-183, F-R=-169, G-Q=109

NOTES (6)
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 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**D**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:45 2008 Page 1

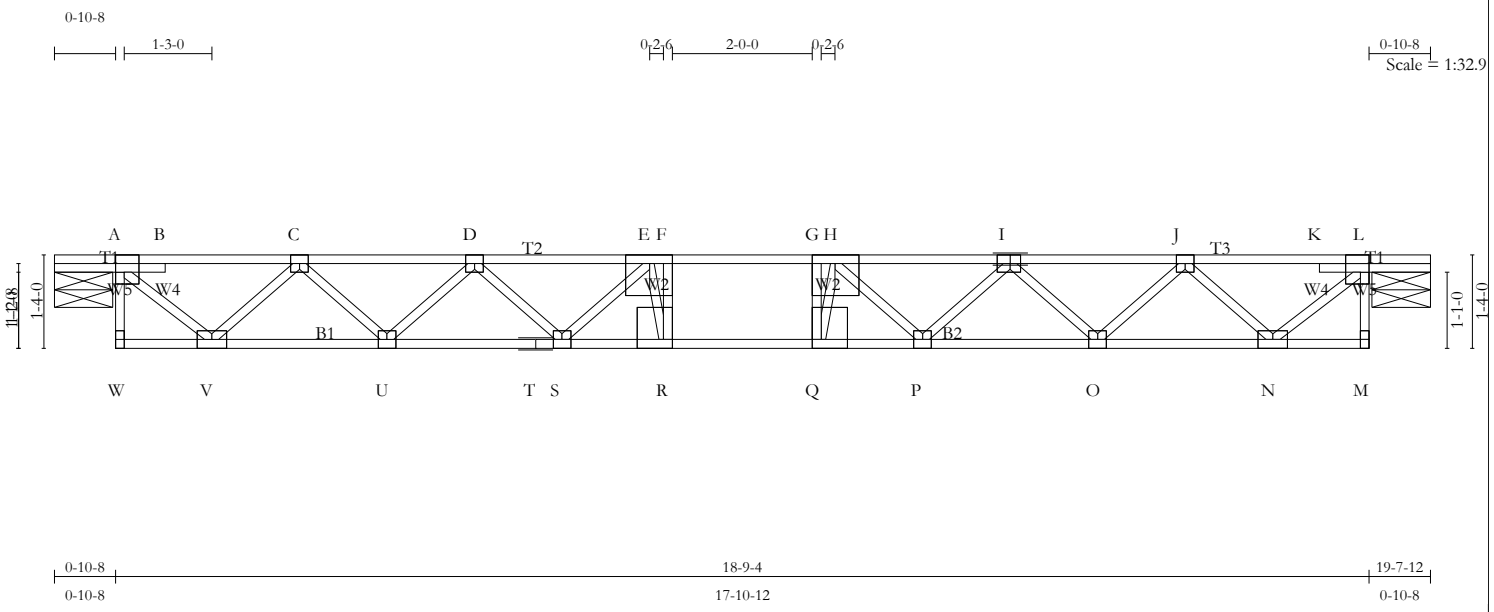


Plate Offsets (X,Y): [A:0-1-8,Edge], [E:0-3-14,Edge], [H:0-3-14,Edge], [I:0-1-12,Edge], [L:0-1-8,Edge], [Q:0-1-8,Edge], [R:0-1-8,Edge]

LOADING (psf)		**SPACING**	1-7-3	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.49	Vert(LL)	-0.17	Q-R	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.69	Vert(TL)	-0.27	Q-R	>779	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.41	Horz(TL)	-0.05	L	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 99 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=781/0-10-0, L=781/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-W=4, L-M=3, A-B=0, B-C=0, C-D=-1087, D-E=-1635, E-F=-2038, F-G=-2038, G-H=-2038, H-I=-2039, I-J=-1569, J-K=0, K-L=0
BOT CHORD V-W=0, U-V=764, T-U=1382, S-T=1382, R-S=1912, Q-R=2038, P-Q=2112, O-P=1908, N-O=1214, M-N=0
WEBS A-V=544, L-N=860, C-V=-493, J-N=-786, C-U=449, J-O=494, D-U=-411, I-O=-473, D-S=351, I-P=182, E-S=-386, H-P=-101, E-R=594, H-Q=-352, F-R=-489, G-Q=279

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**E**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:46 2008 Page 1

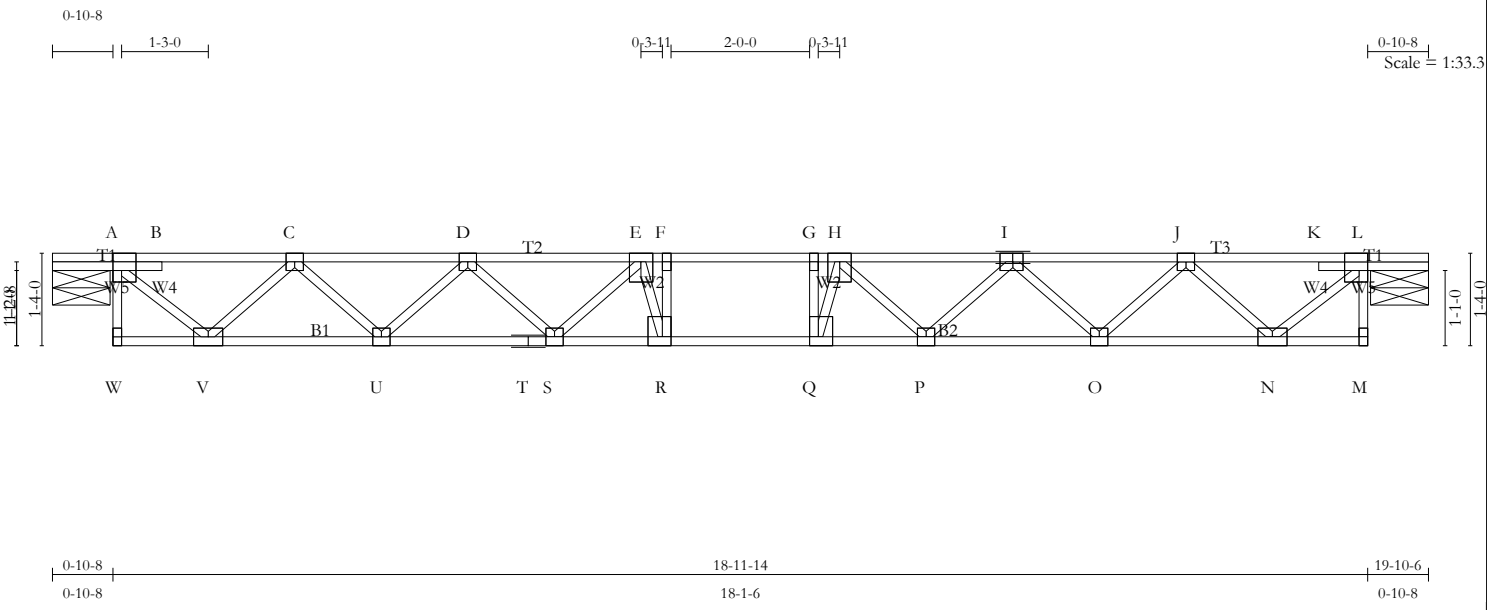


Plate Offsets (X,Y): [A:0-1-8,Edge], [I:0-1-12,Edge], [L:0-1-8,Edge], [Q:0-1-8,Edge], [R:0-1-8,Edge]

LOADING (psf)		**SPACING** 1-7-3		**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.50	Vert(LL)	-0.18	Q-R	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.69	Vert(TL)	-0.29	Q-R	>753	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.41	Horz(TL)	-0.05	L	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 100 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=791/0-10-0, L=791/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-W=4, L-M=3, A-B=0, B-C=0, C-D=-1101, D-E=-1655, E-F=-2085, F-G=-2085, G-H=-2085, H-I=-2081, I-J=-1593, J-K=0, K-L=0
BOT CHORD V-W=0, U-V=773, T-U=1402, S-T=1402, R-S=1931, Q-R=2085, P-Q=2165, O-P=1941, N-O=1230, M-N=0
WEBS A-V=550, L-N=872, C-V=-499, J-N=-797, C-U=457, J-O=505, D-U=-418, I-O=-484, D-S=353, I-P=195, E-S=-384, H-P=-117, E-R=526, H-Q=-273, F-R=-414, G-Q=200

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	F	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:46 2008 Page 1

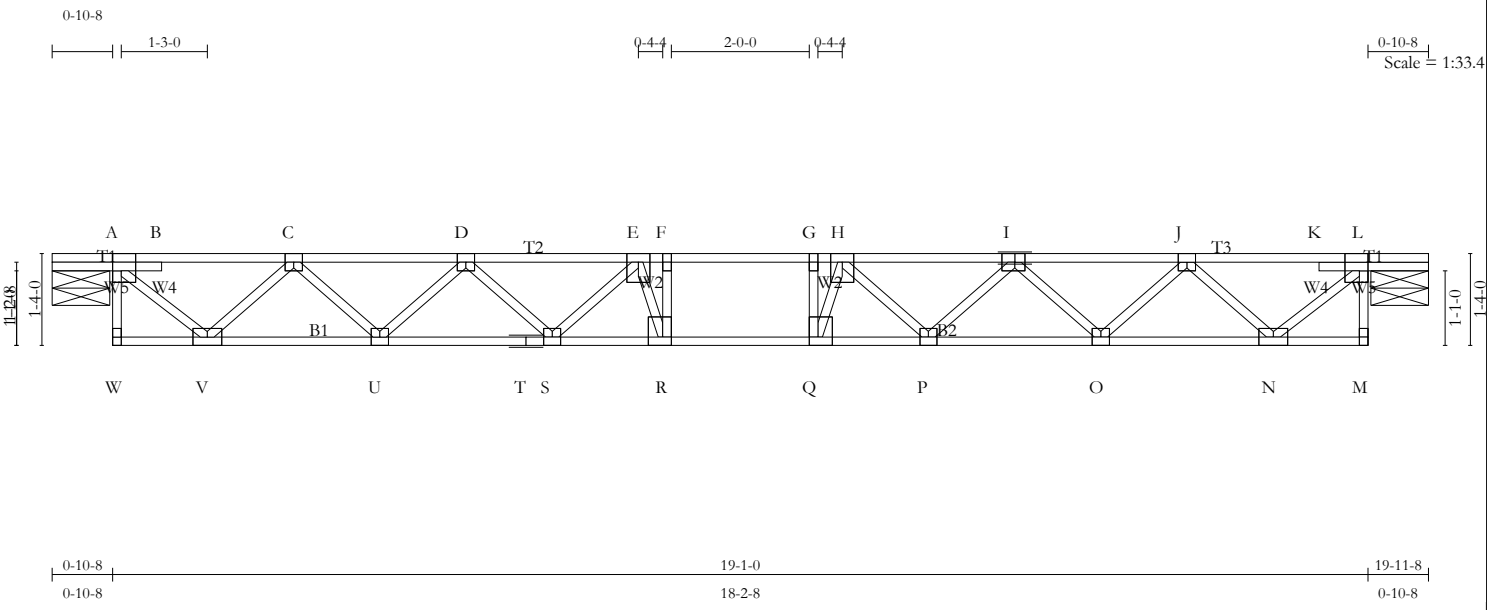


Plate Offsets (X,Y): [A:0-1-8,Edge], [I:0-1-12,Edge], [L:0-1-8,Edge], [Q:0-1-8,Edge], [R:0-1-8,Edge]

LOADING (psf)		**SPACING**	1-7-3	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.50	Vert(LL)	-0.19	Q-R	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.70	Vert(TL)	-0.29	Q-R	>742	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.42	Horz(TL)	-0.05	L	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 100 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=795/0-10-0, L=795/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-W=4, L-M=3, A-B=0, B-C=0, C-D=-1107, D-E=-1664, E-F=-2106, F-G=-2106, G-H=-2106, H-I=-2099, I-J=-1604, J-K=0, K-L=0
BOT CHORD V-W=0, U-V=777, T-U=1410, S-T=1410, R-S=1940, Q-R=2106, P-Q=2187, O-P=1955, N-O=1237, M-N=0
WEBS A-V=553, L-N=877, C-V=-501, J-N=-802, C-U=460, J-O=509, D-U=-421, I-O=-489, D-S=354, I-P=200, E-S=-384, H-P=-123, E-R=508, H-Q=-250, F-R=-391, G-Q=176

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**G**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:47 2008 Page 1

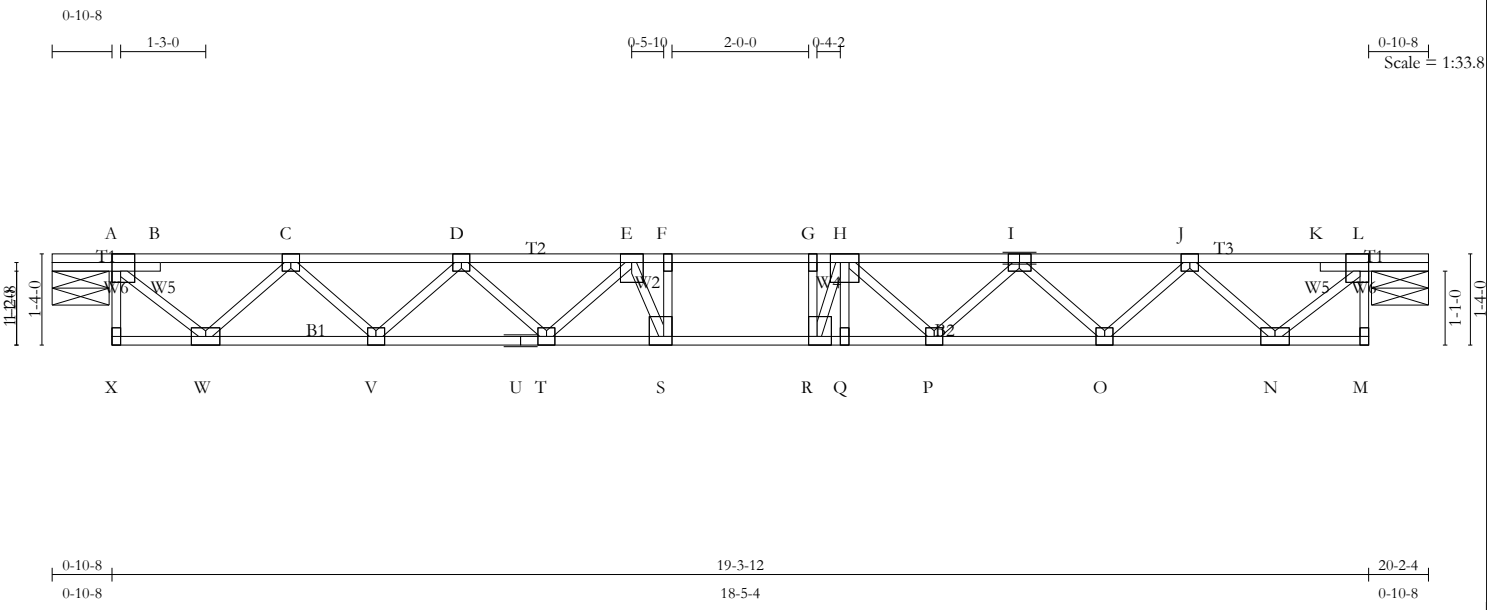


Plate Offsets (X,Y): [A:0-1-8,Edge], [L:0-1-8,Edge], [R:0-1-8,Edge], [S:0-1-8,Edge]

LOADING (psf)		**SPACING** 1-7-3		**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.48	Vert(LL)	-0.20	R-S	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.79	Vert(TL)	-0.31	R-S	>716	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.42	Horz(TL)	-0.05	L	n/a	n/a		
BCDL	5.0	Code IRC2003/TPI2002		(Matrix)							Weight: 103 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

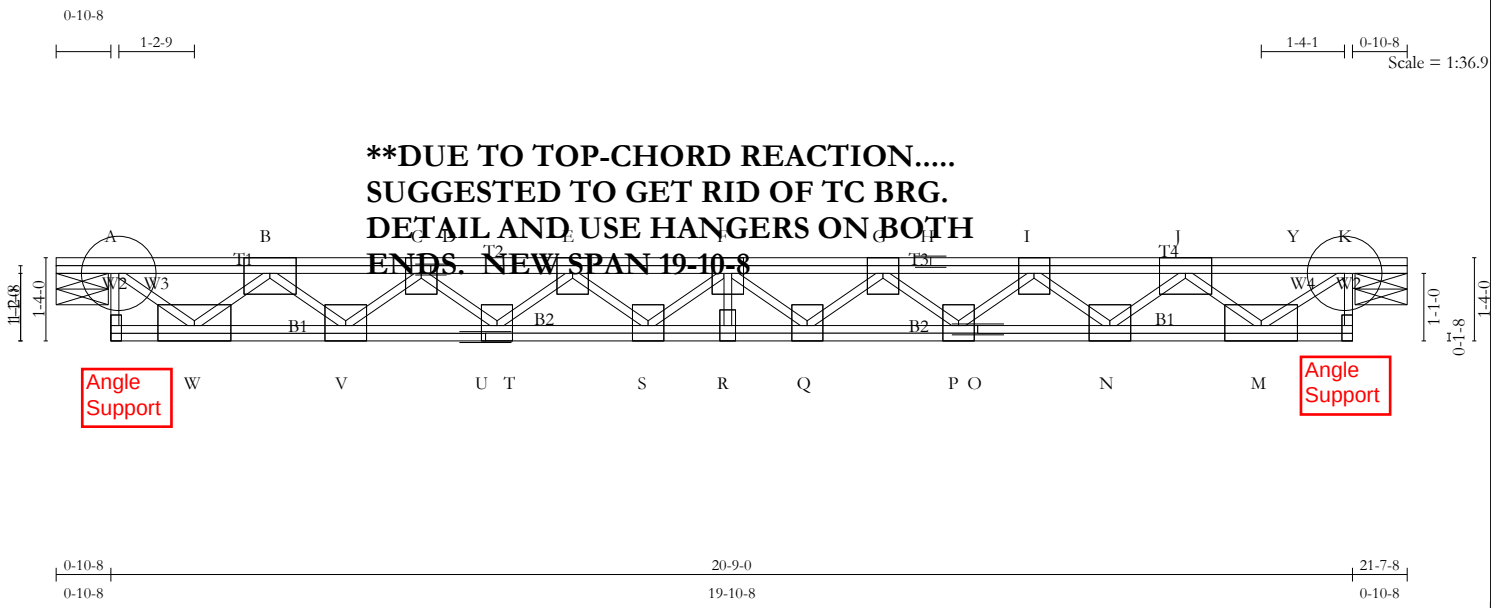
REACTIONS (lb/size) A=805/0-10-0, L=805/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-X=4, L-M=4, A-B=0, B-C=0, C-D=-1122, D-E=-1687, E-F=-2151, F-G=-2151, G-H=-2151, H-I=-2133, I-J=-1632, J-K=0, K-L=0
BOT CHORD W-X=0, V-W=786, U-V=1429, T-U=1429, S-T=1965, R-S=2151, Q-R=2270, P-Q=2270, O-P=1988, N-O=1255, M-N=0
WEBS A-W=559, L-N=888, C-W=-508, J-N=-815, C-V=467, J-O=524, D-V=-427, I-O=-495, D-T=358, I-P=202, E-T=-387, H-P=-186, H-Q=137, E-S=464, H-R=-328, F-S=-328, G-R=137

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	H1	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:47 2008 Page 1



*** Design Problems ***
REVIEW REQUIRED

Max Vertical Deflection Exceeded In Span: L-X
Allowable Top Chord Reaction Exceeded: A, K

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

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.33	Vert(LL)	-0.41	R	>575	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.69	Vert(TL)	-0.64	R	>368	600	MT18H	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.87	Horz(TL)	-0.10	K	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 162 lb	

LUMBER
TOP CHORD 4 X 2 SYP SS
BOT CHORD 4 X 2 SYP SS
WEBS 4 X 2 SYP No.3 *Except*
W3 4 X 2 SYP No.2, W4 4 X 2 SYP No.2

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

REACTIONS (lb/size) A=2349/0-10-0, K=2231/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-X=8, K-L=9, A-B=-2480, B-C=-6444, C-D=0, D-E=-9060, E-F=-10403, F-G=-10429, G-H=0, H-I=0, I-J=-6578, J-Y=0, K-Y=0
BOT CHORD W-X=0, V-W=4819, U-V=8049, T-U=8049, S-T=10051, R-S=10748, Q-R=10748, P-Q=10102, O-P=8156, N-O=8156, M-N=4980, L-M=0
WEBS A-W=3255, B-W=-3139, B-V=2180, C-V=-2154, C-T=1356, E-T=-1330, E-S=473, F-S=-452, F-R=-6, F-Q=-418, G-Q=440, G-P=-1292, I-P=1318, I-N=-2117, J-N=2144, J-M=-3089, K-M=3388

NOTES (8)
1) All plates are MT20 plates unless otherwise indicated.
2) All plates are 7x6 MT20 unless otherwise indicated.
3) Following joints to be plated by qualified designer: Joint(s) A, K, not plated.
4) This truss is designed in accordance with the 2003 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 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
8) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**H**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:48 2008 Page 1

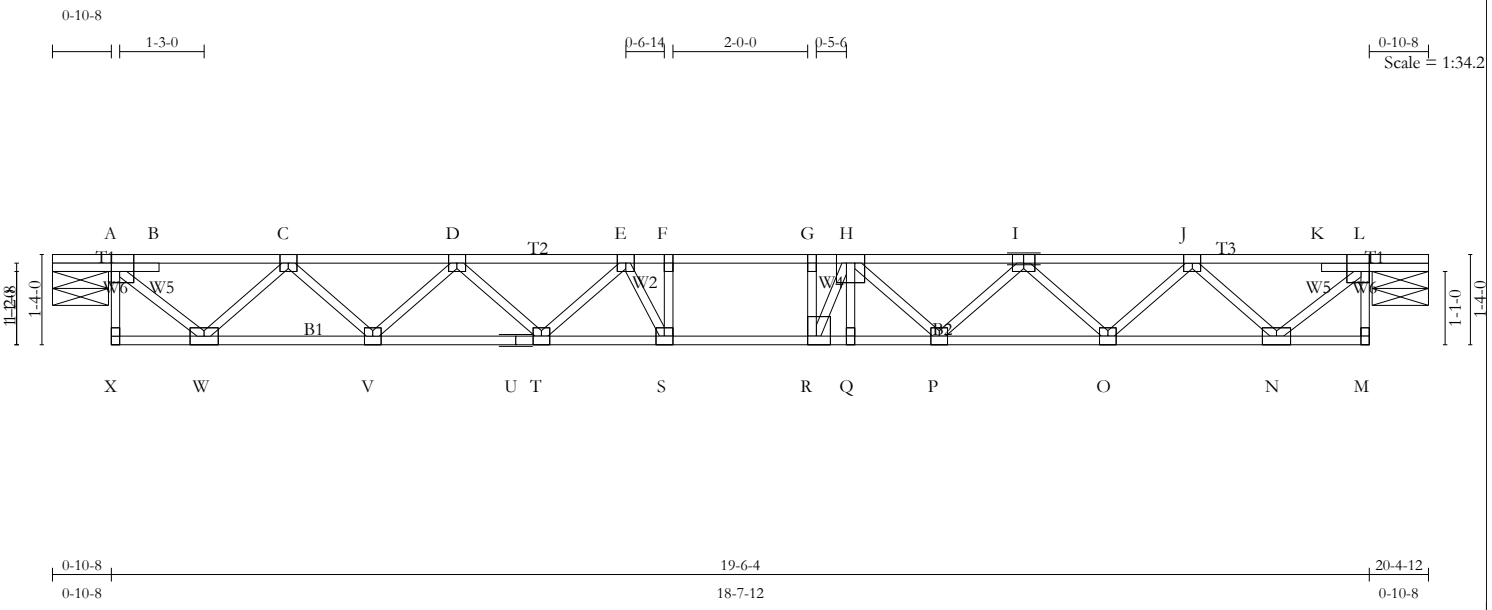


Plate Offsets (X,Y): [A:0-1-8,Edge], [L:0-1-8,Edge], [R:0-1-8,Edge]

LOADING (psf)		**SPACING**	1-7-3	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.48	Vert(LL)	-0.20	R-S	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.81	Vert(TL)	-0.32	R-S	>693	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.43	Horz(TL)	-0.05	L	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 103 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

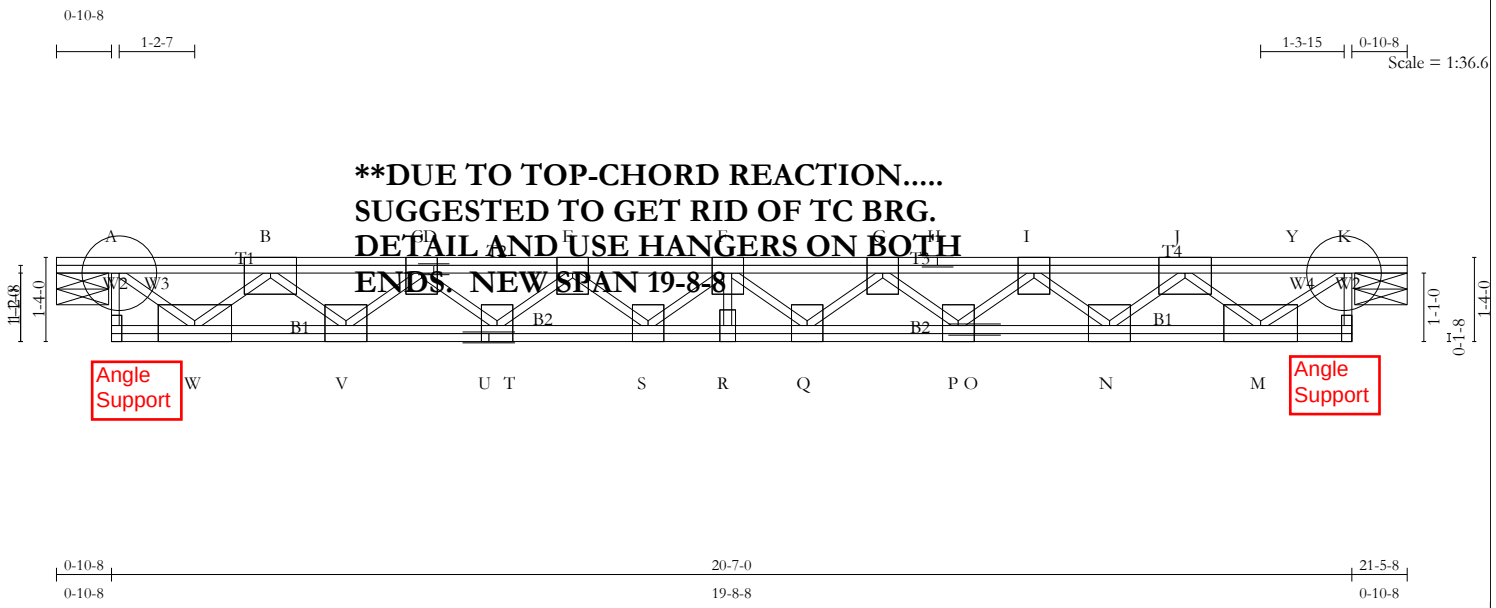
REACTIONS (lb/size) A=814/0-10-0, L=814/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-X=4, L-M=4, A-B=0, B-C=0, C-D=-1135, D-E=-1707, E-F=-2198, F-G=-2198, G-H=-2198, H-I=-2172, I-J=-1656, J-K=0, K-L=0
BOT CHORD W-X=0, V-W=795, U-V=1447, T-U=1447, S-T=1987, R-S=2198, Q-R=2320, P-Q=2320, O-P=2019, N-O=1271, M-N=0
WEBS A-W=565, L-N=899, C-W=-514, J-N=-826, C-V=473, J-O=535, D-V=-433, I-O=-505, D-T=362, I-P=212, E-T=-389, H-P=-201, H-Q=122, E-S=453, H-R=-284, F-S=-304, G-R=105

NOTES (6)
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 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	J	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:48 2008 Page 1



*** Design Problems ***
REVIEW REQUIRED

Max Vertical Deflection Exceeded In Span: L-X
Allowable Top Chord Reaction Exceeded: A, K

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

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.32	Vert(LL)	-0.40	R	>589	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.68	Vert(TL)	-0.62	R	>377	600	MT18H	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.86	Horz(TL)	-0.10	K	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 161 lb	

LUMBER
TOP CHORD 4 X 2 SYP SS
BOT CHORD 4 X 2 SYP SS
WEBS 4 X 2 SYP No.3 *Except*
W3 4 X 2 SYP No.2, W4 4 X 2 SYP No.2

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

REACTIONS (lb/size) A=2328/0-10-0, K=2211/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-X=7, K-L=9, A-B=-2437, B-C=-6327, C-D=0, D-E=-8898, E-F=-10217, F-G=-10246, G-H=0, H-I=0, I-J=-6465, J-Y=0, K-Y=0
BOT CHORD W-X=0, V-W=4733, U-V=7904, T-U=7904, S-T=9870, R-S=10559, Q-R=10559, P-Q=9925, O-P=8015, N-O=8015, M-N=4895, L-M=0
WEBS A-W=3210, B-W=-3093, B-V=2147, C-V=-2125, C-T=1339, E-T=-1309, E-S=467, F-S=-450, F-R=-5, F-Q=-412, G-Q=433, G-P=-1274, I-P=1299, I-N=-2088, J-N=2114, J-M=-3046, K-M=3341

NOTES (8)
1) All plates are MT20 plates unless otherwise indicated.
2) All plates are 7x6 MT20 unless otherwise indicated.
3) Following joints to be plated by qualified designer: Joint(s) A, K, not plated.
4) This truss is designed in accordance with the 2003 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 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
8) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**K**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:48 2008 Page 1

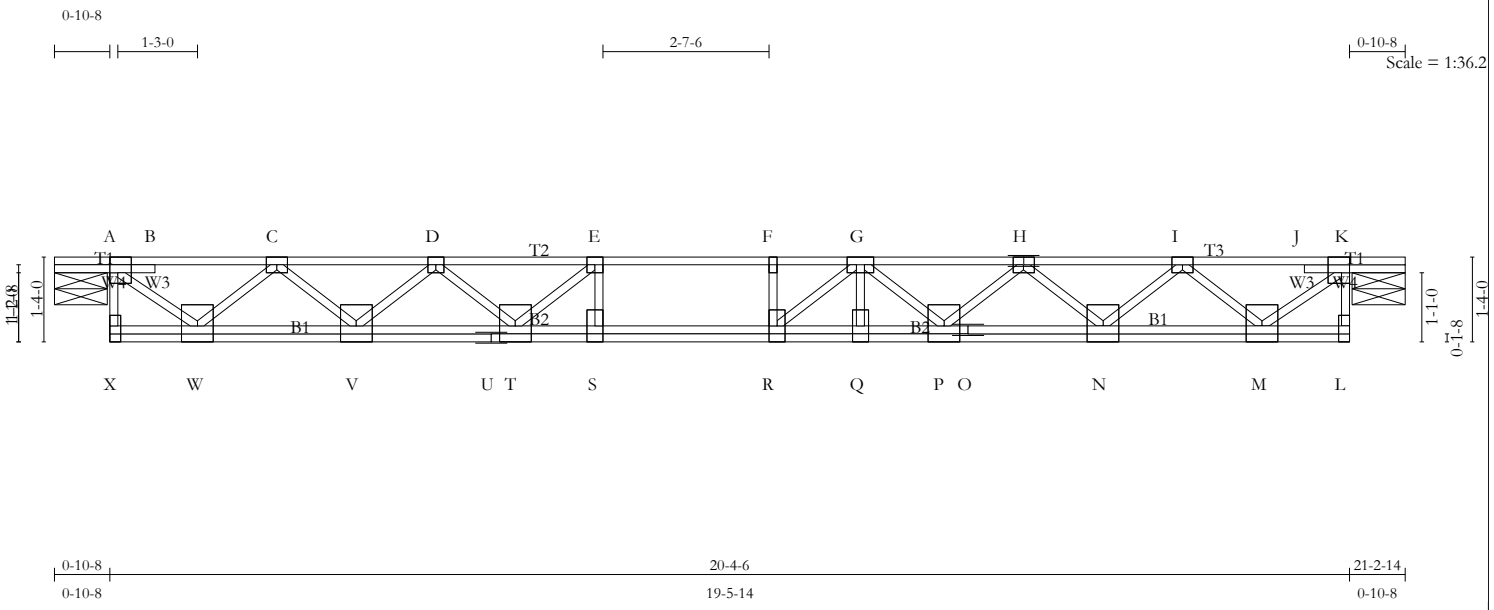


Plate Offsets (X,Y): [A:0-1-8,Edge], [K:0-1-8,Edge], [L:0-3-0,Edge]

LOADING (psf)		**SPACING**	1-7-3	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.50	Vert(LL)	-0.22	R	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.70	Vert(TL)	-0.35	R	>660	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.46	Horz(TL)	-0.07	K	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 131 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=851/0-10-0, K=851/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-X=7, K-L=5, A-B=0, B-C=0, C-D=-1370, D-E=-2106, E-F=-2657, F-G=-2657, G-H=-2595, H-I=-1934, I-J=0, J-K=0
BOT CHORD W-X=0, V-W=962, U-V=1733, T-U=1733, S-T=2657, R-S=2657, Q-R=2854, P-Q=2854, O-P=2376, N-O=2376, M-N=1466, L-M=0
WEBS K-M=1012, A-W=664, I-M=-930, C-W=-611, I-N=636, C-V=553, H-N=-599, D-V=-493, H-P=297, D-T=506, G-P=-344, G-Q=184, E-T=-730, G-R=-257, E-S=265, F-R=-69

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**L**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:49 2008 Page 1

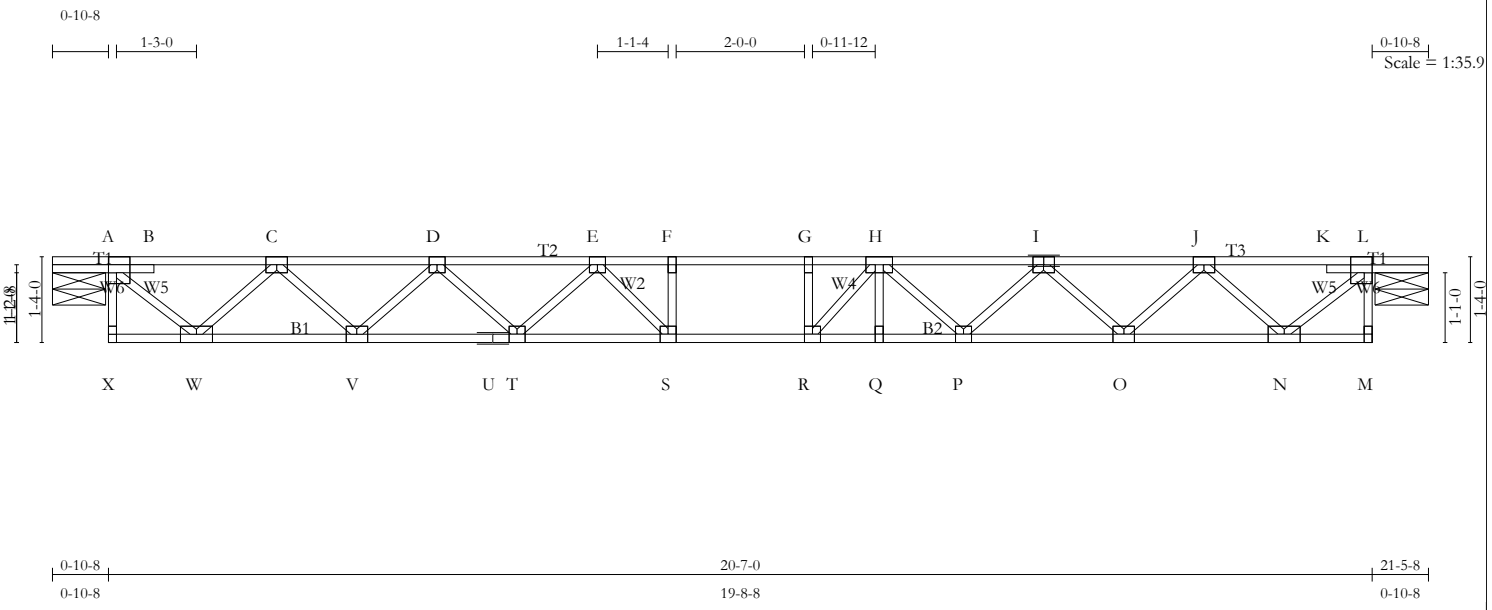


Plate Offsets (X,Y): [A:0-1-8,Edge], [L:0-1-8,Edge]

LOADING (psf)		**SPACING** 1-7-3		**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.49	Vert(LL)	-0.25	R-S	>953	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.72	Vert(TL)	-0.39	R-S	>608	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.46	Horz(TL)	-0.06	L	n/a	n/a		
BCDL	5.0	Code IRC2003/TPI2002		(Matrix)							Weight: 107 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.1
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=861/0-10-0, L=861/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-X=5, L-M=4, A-B=0, B-C=0, C-D=-1203, D-E=-1813, E-F=-2445, F-G=-2445, G-H=-2445, H-I=-2370, I-J=-1776, J-K=0, K-L=0
BOT CHORD W-X=0, V-W=839, U-V=1536, T-U=1536, S-T=2107, R-S=2445, Q-R=2570, P-Q=2570, O-P=2178, N-O=1352, M-N=0
WEBS A-W=595, L-N=955, C-W=-543, J-N=-879, C-V=506, J-O=591, D-V=-463, I-O=-559, D-T=386, I-P=267, E-T=-408, H-P=-271, H-Q=94, E-S=486, H-R=-185, F-S=-245, G-R=18

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**M**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:50 2008 Page 1

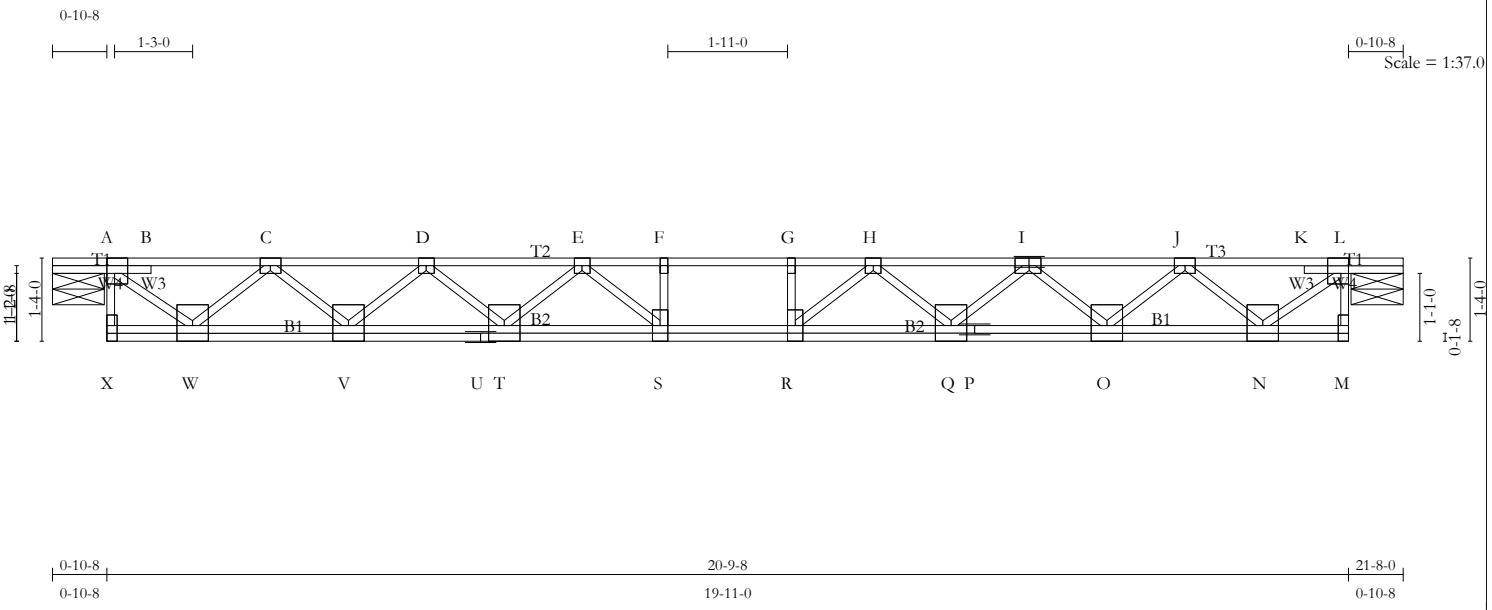


Plate Offsets (X,Y): [A:0-1-8,Edge], [I:0-2-4,Edge], [L:0-1-8,Edge], [M:0-3-0,Edge]

LOADING (psf)		**SPACING** 1-7-3		**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.41	Vert(LL)	-0.22	R-S	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.49	Vert(TL)	-0.35	R-S	>678	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.48	Horz(TL)	-0.07	L	n/a	n/a		
BCDL	5.0	Code IRC2003/TPI2002		(Matrix)							Weight: 134 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=870/0-10-0, L=870/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-X=6, L-M=3, A-B=0, B-C=0, C-D=-1277, D-E=-1921, E-F=-2626, F-G=-2626, G-H=-2626, H-I=-2554, I-J=-1886, J-K=0, K-L=0
BOT CHORD W-X=0, V-W=890, U-V=1627, T-U=1627, S-T=2244, R-S=2626, Q-R=2705, P-Q=2329, O-P=2329, N-O=1436, M-N=0
WEBS L-N=996, A-W=617, J-N=-906, C-W=-562, J-O=610, C-V=525, I-O=-602, D-V=-476, I-Q=305, D-T=399, H-Q=-205, E-T=-437, H-R=-106, E-S=507, F-S=-206, G-R=-24

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	**N**	**FLOOR**	**1**	**1**	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:50 2008 Page 1

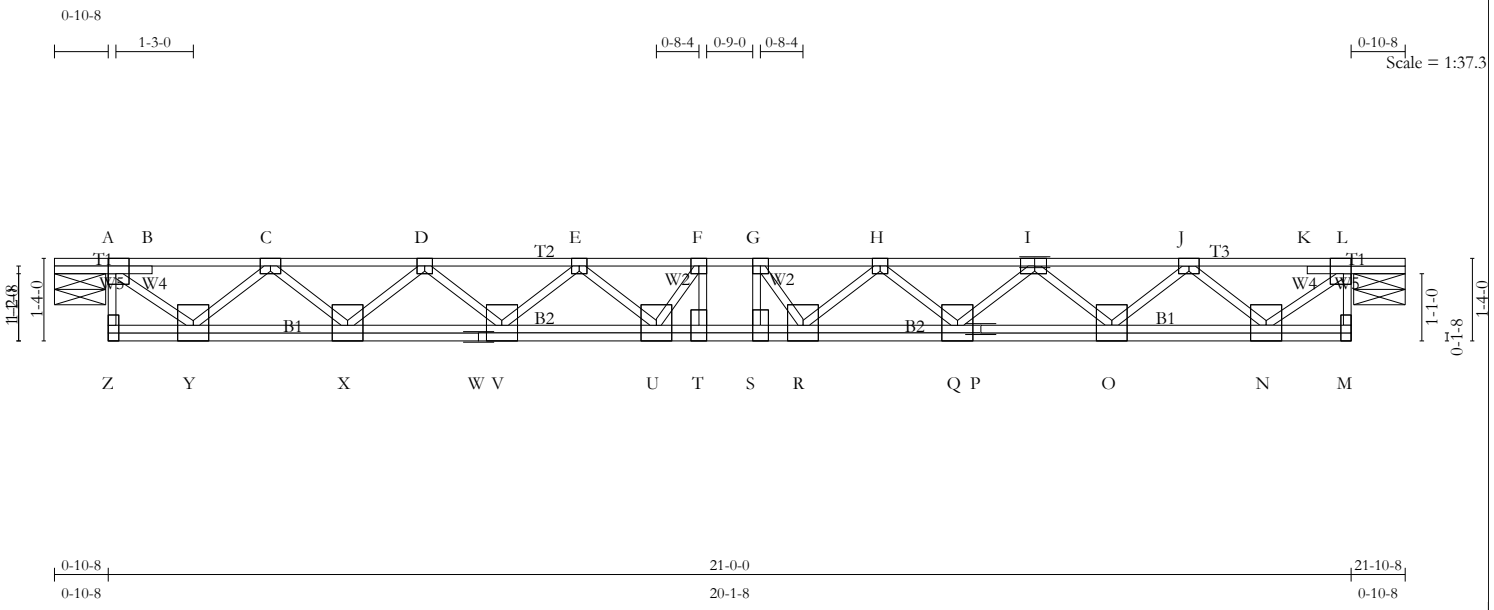


Plate Offsets (X,Y): [A:0-1-8,Edge], [I:0-2-4,Edge], [L:0-1-8,Edge], [M:0-3-0,Edge], [S:0-3-0,0-0-0]

LOADING (psf)		**SPACING**	1-7-3	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plates Increase	1.00	TC	0.27	Vert(LL)	-0.23	T	>999	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.43	Vert(TL)	-0.36	T	>661	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.48	Horz(TL)	-0.07	L	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 138 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=879/0-10-0, L=879/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-Z=4, L-M=4, A-B=0, B-C=0, C-D=-1218, D-E=-1856, E-F=-2362, F-G=-2551, G-H=-2634, H-I=-2482, I-J=-1858, J-K=0, K-L=0
BOT CHORD Y-Z=0, X-Y=854, W-X=1562, V-W=1562, U-V=2123, T-U=2551, S-T=2551, R-S=2551, Q-R=2667, P-Q=2279, O-P=2279, N-O=1416, M-N=0
WEBS A-Y=595, L-N=979, C-Y=-535, J-N=-896, C-X=495, J-O=600, D-X=-466, I-O=-571, D-V=399, I-Q=276, E-V=-362, H-Q=-250, E-U=324, H-R=-45, F-U=-346, G-R=150, F-T=210, G-S=-199

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	O	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:51 2008 Page 1

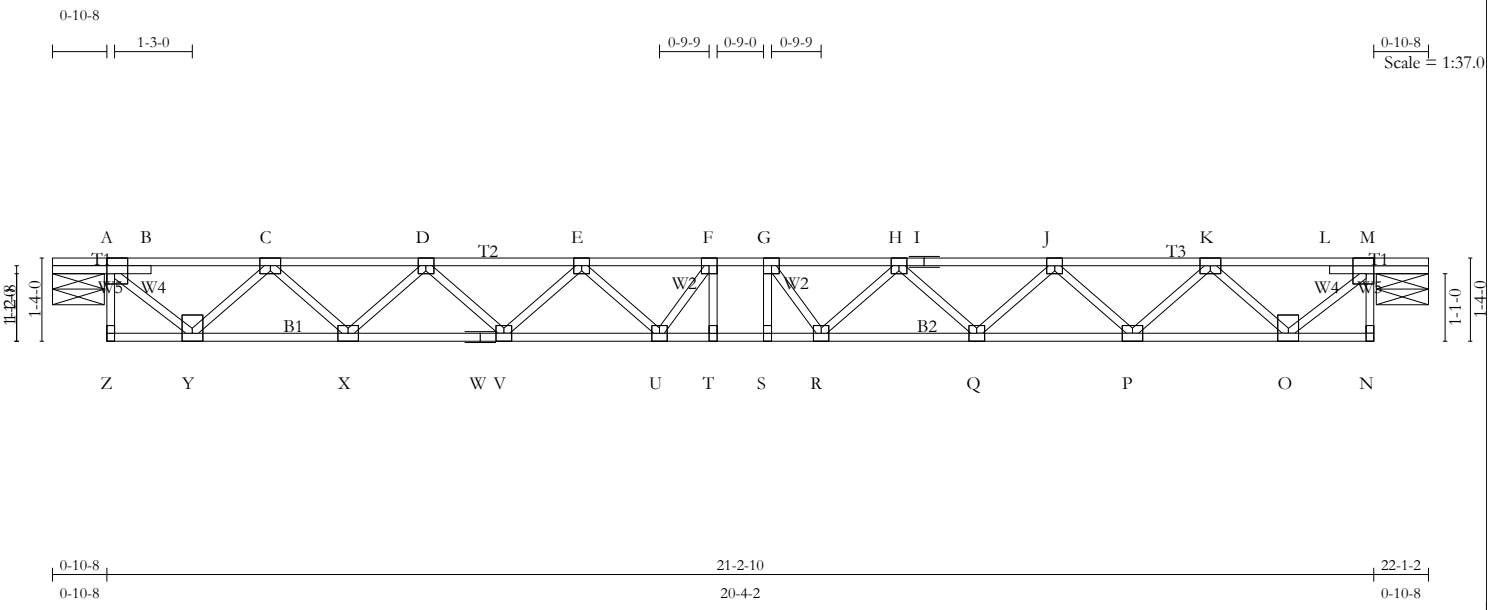


Plate Offsets (X,Y): [A:0-1-8,Edge], [M:0-1-8,Edge]

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.20	Vert(LL)	-0.26	T	>944	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.62	Vert(TL)	-0.40	S-T	>604	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.47	Horz(TL)	-0.06	M	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 112 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.1D
BOT CHORD 4 X 2 SYP No.1D
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=889/0-10-0, M=889/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-Z=4, M-N=4, A-B=0, B-C=0, C-D=-1171, D-E=-1783, E-F=-2278, F-G=-2474, G-H=-2553, H-I=0, I-J=0, J-K=-1789, K-L=0, L-M=0
BOT CHORD Y-Z=0, X-Y=820, W-X=1501, V-W=1501, U-V=2041, T-U=2474, S-T=2474, R-S=2474, Q-R=2584, P-Q=2195, O-P=1361, N-O=0
WEBS A-Y=584, M-O=962, C-Y=-528, K-O=-885, C-X=488, K-P=595, D-X=-460, J-P=-565, D-V=392, J-Q=282, E-V=-358, H-Q=-259, E-U=330, H-R=-43, F-U=-339, G-R=136, F-T=169, G-S=-164

NOTES (6)
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 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	P	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:51 2008 Page 1

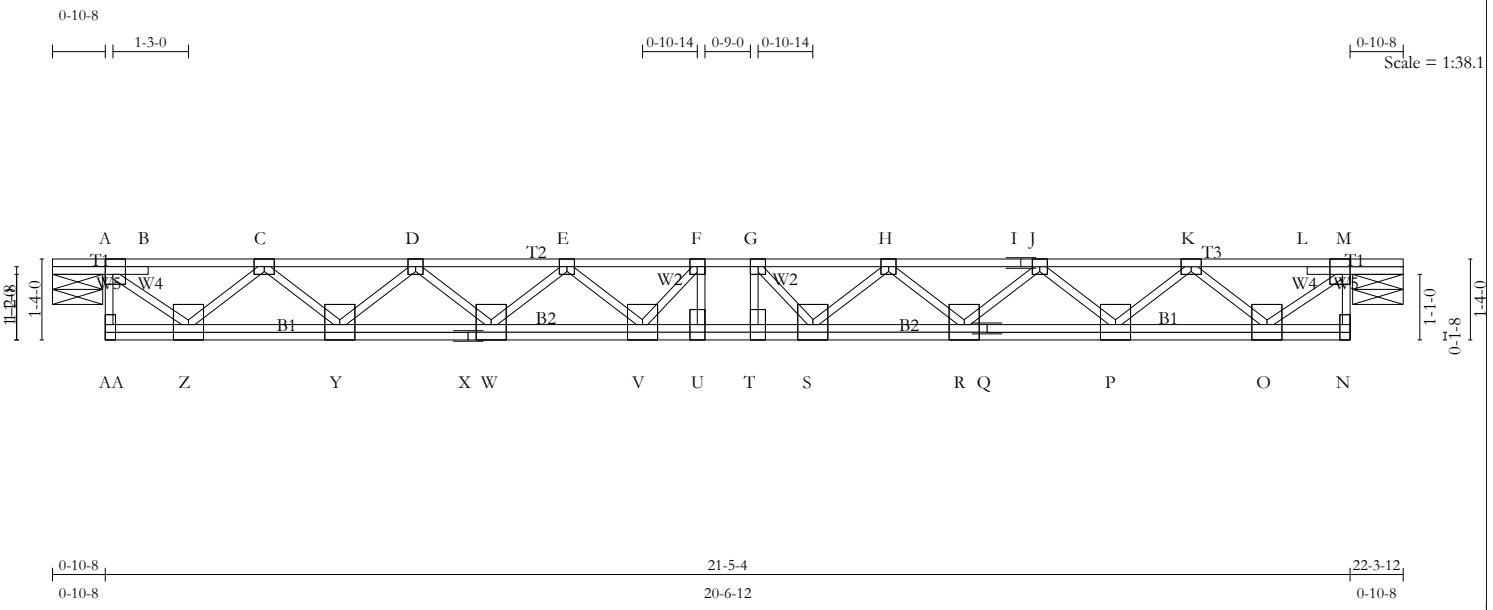


Plate Offsets (X,Y): [A:0-1-8,Edge], [M:0-1-8,Edge], [N:0-3-0,Edge], [T:0-3-0,0-0-0]

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.31	Vert(LL)	-0.25	U	>974	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.45	Vert(TL)	-0.39	U	>622	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.49	Horz(TL)	-0.08	M	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 141 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=899/0-10-0, M=899/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-AA=4, M-N=5, A-B=0, B-C=0, C-D=-1247, D-E=-1905, E-F=-2425, F-G=-2665, G-H=-2752, H-I=0, I-J=0, J-K=-1910, K-L=0, L-M=0
BOT CHORD Z-AA=0, Y-Z=873, X-Y=1601, W-X=1601, V-W=2180, U-V=2665, T-U=2665, S-T=2665, R-S=2774, Q-R=2347, P-Q=2347, O-P=1451, N-O=0
WEBS A-Z=609, M-O=1003, C-Z=-548, K-O=-919, C-Y=507, K-P=623, D-Y=-480, J-P=-593, D-W=412, J-R=301, E-W=-373, H-R=-277, E-V=333, H-S=-30, F-V=-371, G-S=134, F-U=205, G-T=-190

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	Q	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:52 2008 Page 1

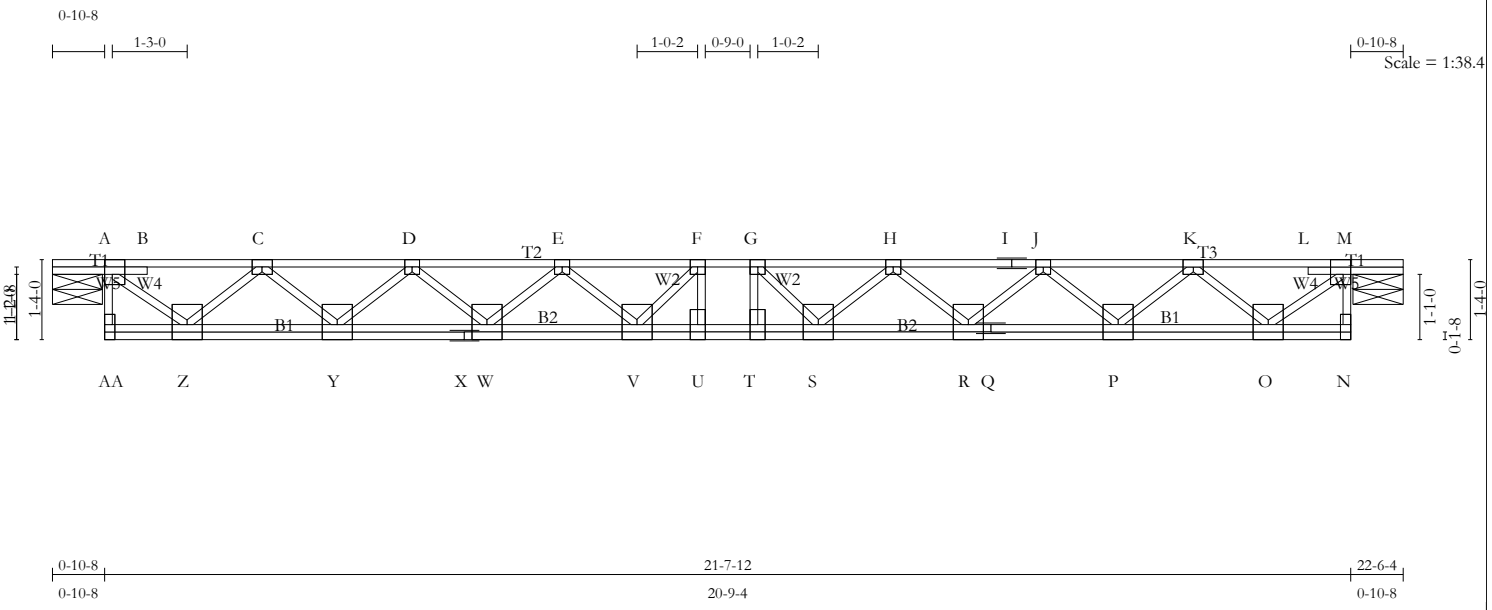


Plate Offsets (X,Y): [A:0-1-8,Edge], [M:0-1-8,Edge], [N:0-3-0,Edge], [T:0-3-0,0-0-0]

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.33	Vert(LL)	-0.26	U	>947	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.46	Vert(TL)	-0.41	U	>605	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.50	Horz(TL)	-0.08	M	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 142 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=908/0-10-0, M=908/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-AA=4, M-N=5, A-B=0, B-C=0, C-D=-1261, D-E=-1928, E-F=-2455, F-G=-2720, G-H=-2808, H-I=0, I-J=0, J-K=-1935, K-L=0, L-M=0
BOT CHORD Z-AA=0, Y-Z=882, X-Y=1619, W-X=1619, V-W=2207, U-V=2720, T-U=2720, S-T=2720, R-S=2825, Q-R=2380, P-Q=2380, O-P=1468, N-O=0
WEBS A-Z=615, M-O=1015, C-Z=-554, K-O=-930, C-Y=514, K-P=634, D-Y=-486, J-P=-604, D-W=419, J-R=313, E-W=-379, H-R=-290, E-V=337, H-S=-23, F-V=-387, G-S=129, F-U=205, G-T=-188

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	R	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:52 2008 Page 1

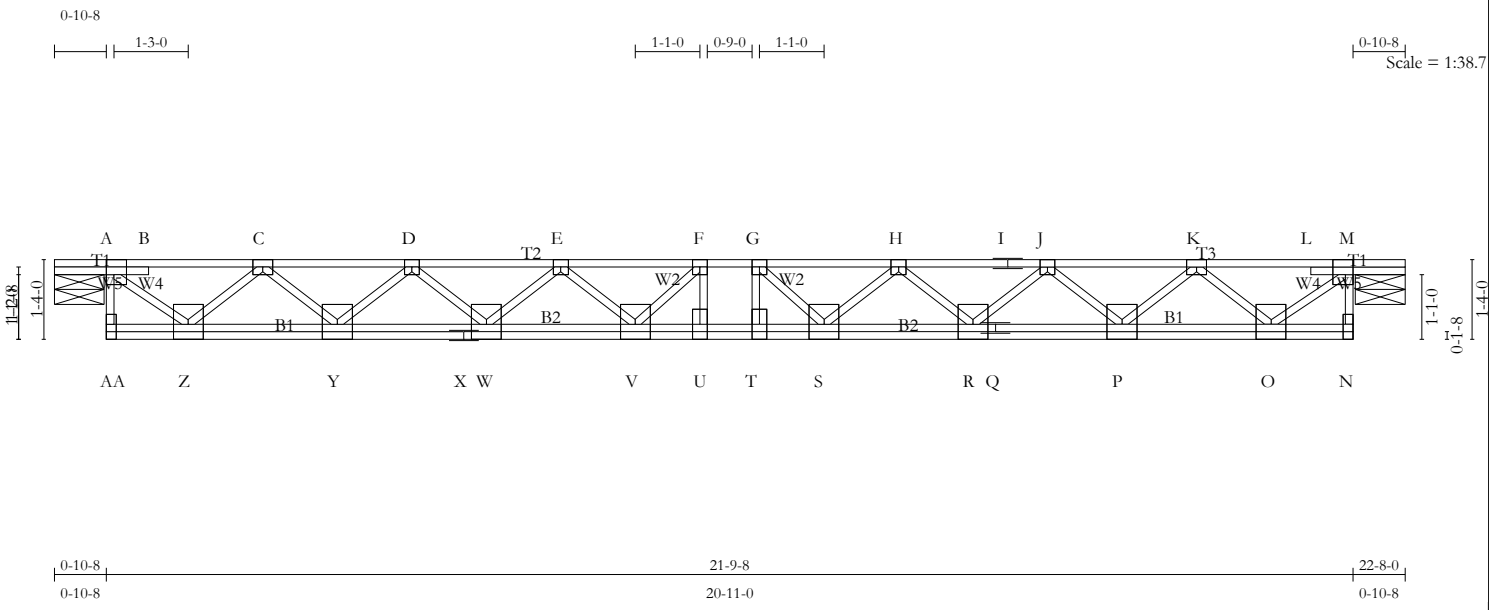


Plate Offsets (X,Y): [A:0-1-8,Edge], [M:0-1-8,Edge], [N:0-3-0,Edge], [T:0-3-0,0-0-0]

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.35	Vert(LL)	-0.26	U	>946	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.37	Vert(TL)	-0.41	U	>605	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.50	Horz(TL)	-0.08	M	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 143 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.1
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=914/0-10-0, M=914/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-AA=4, M-N=5, A-B=0, B-C=0, C-D=-1270, D-E=-1944, E-F=-2476, F-G=-2759, G-H=-2847, H-I=0, I-J=0, J-K=-1952, K-L=0, L-M=0
BOT CHORD Z-AA=0, Y-Z=889, X-Y=1632, W-X=1632, V-W=2226, U-V=2759, T-U=2759, S-T=2759, R-S=2860, Q-R=2402, P-Q=2402, O-P=1479, N-O=0
WEBS A-Z=619, M-O=1022, C-Z=-558, K-O=-937, C-Y=518, K-P=641, D-Y=-490, J-P=-611, D-W=423, J-R=322, E-W=-383, H-R=-299, E-V=339, H-S=-17, F-V=-400, G-S=125, F-U=208, G-T=-190

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	S	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:53 2008 Page 1

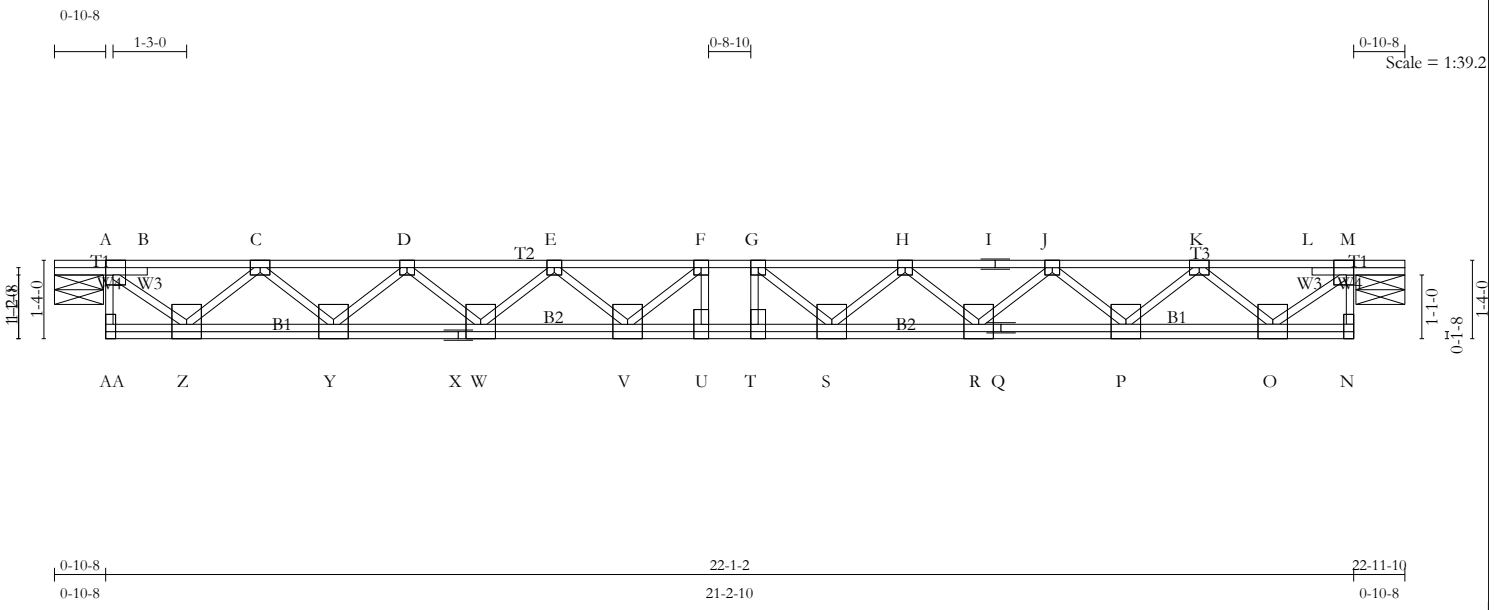


Plate Offsets (X,Y): [A:0-1-8,Edge], [M:0-1-8,Edge], [N:0-3-0,Edge], [T:0-3-0,0-0-0]

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.32	Vert(LL)	-0.27	U	>944	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.38	Vert(TL)	-0.42	U	>603	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	-0.08	M	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 145 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.1
BOT CHORD 4 X 2 SYP No.1
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=928/0-10-0, M=928/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-AA=4, M-N=5, A-B=0, B-C=0, C-D=-1289, D-E=-1974, E-F=-2517, F-G=-2837, G-H=-2925, H-I=0, I-J=0, J-K=-1986, K-L=0, L-M=0
BOT CHORD Z-AA=0, Y-Z=901, X-Y=1656, W-X=1656, V-W=2262, U-V=2837, T-U=2837, S-T=2837, R-S=2932, Q-R=2448, P-Q=2448, O-P=1503, N-O=0
WEBS A-Z=628, M-O=1038, C-Z=-566, K-O=-952, C-Y=526, K-P=656, D-Y=-499, J-P=-626, D-W=432, J-R=339, E-W=-390, H-R=-318, E-V=345, H-S=-9, F-V=-425, G-S=117, F-U=206, G-T=-187

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	T	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:54 2008 Page 1

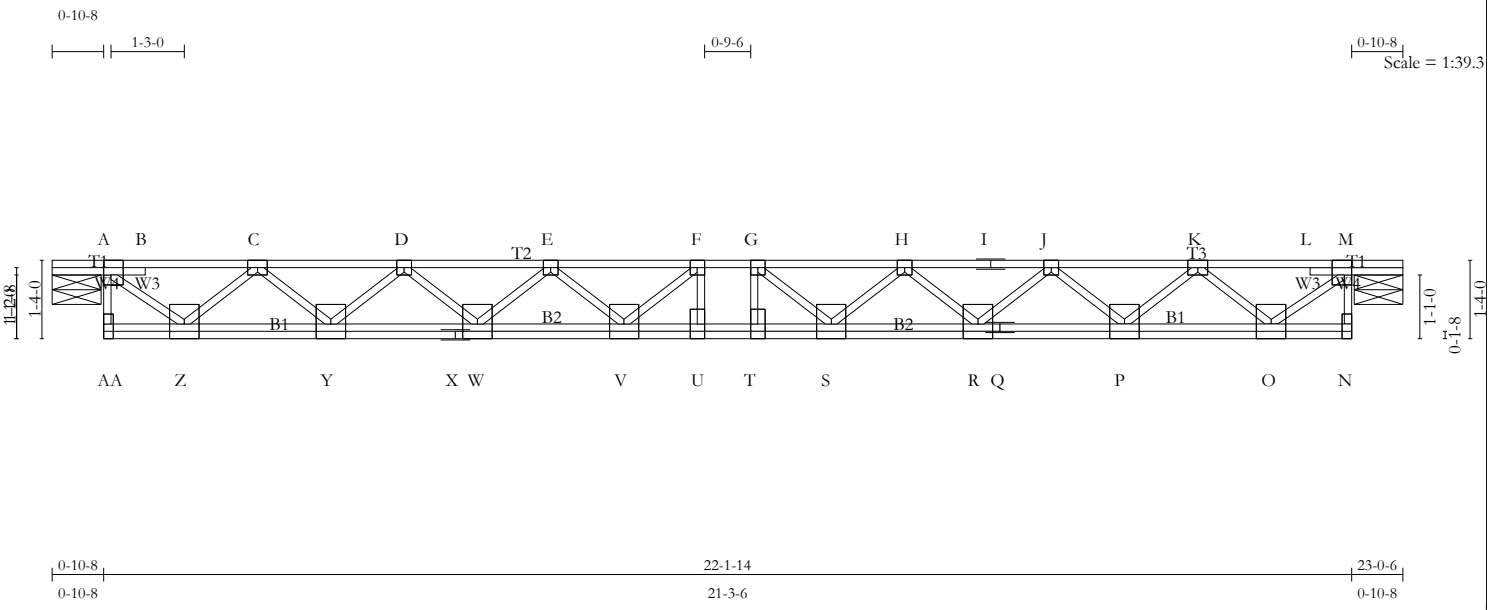


Plate Offsets (X,Y): [A:0-1-8,Edge], [M:0-1-8,Edge], [N:0-3-0,Edge], [T:0-3-0,0-0-0]

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.32	Vert(LL)	-0.27	U	>953	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.37	Vert(TL)	-0.42	U	>609	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	-0.08	M	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 145 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.1
BOT CHORD 4 X 2 SYP No.1D
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=930/0-10-0, M=930/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-AA=4, M-N=5, A-B=0, B-C=0, C-D=-1296, D-E=-1987, E-F=-2533, F-G=-2861, G-H=-2950, H-I=0, I-J=0, J-K=-1997, K-L=0, L-M=0
BOT CHORD Z-AA=0, Y-Z=906, X-Y=1666, W-X=1666, V-W=2277, U-V=2861, T-U=2861, S-T=2861, R-S=2953, Q-R=2461, P-Q=2461, O-P=1510, N-O=0
WEBS A-Z=631, M-O=1043, C-Z=-569, K-O=-957, C-Y=529, K-P=661, D-Y=-502, J-P=-630, D-W=435, J-R=344, E-W=-393, H-R=-323, E-V=348, H-S=-5, F-V=-435, G-S=118, F-U=209, G-T=-189

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.

Job	Truss	Truss Type	Qty	Ply	LEON MEYERS BLDRS/CASSILHAUS
01207005FLR	U	FLOOR	1	1	Job Reference (optional)

Universal Forest Products,Inc., Burlington, NC 27215, REF-ONLY*AG* 7.030 s Jan 3 2008 MiTek Industries, Inc. Wed Mar 19 15:43:54 2008 Page 1

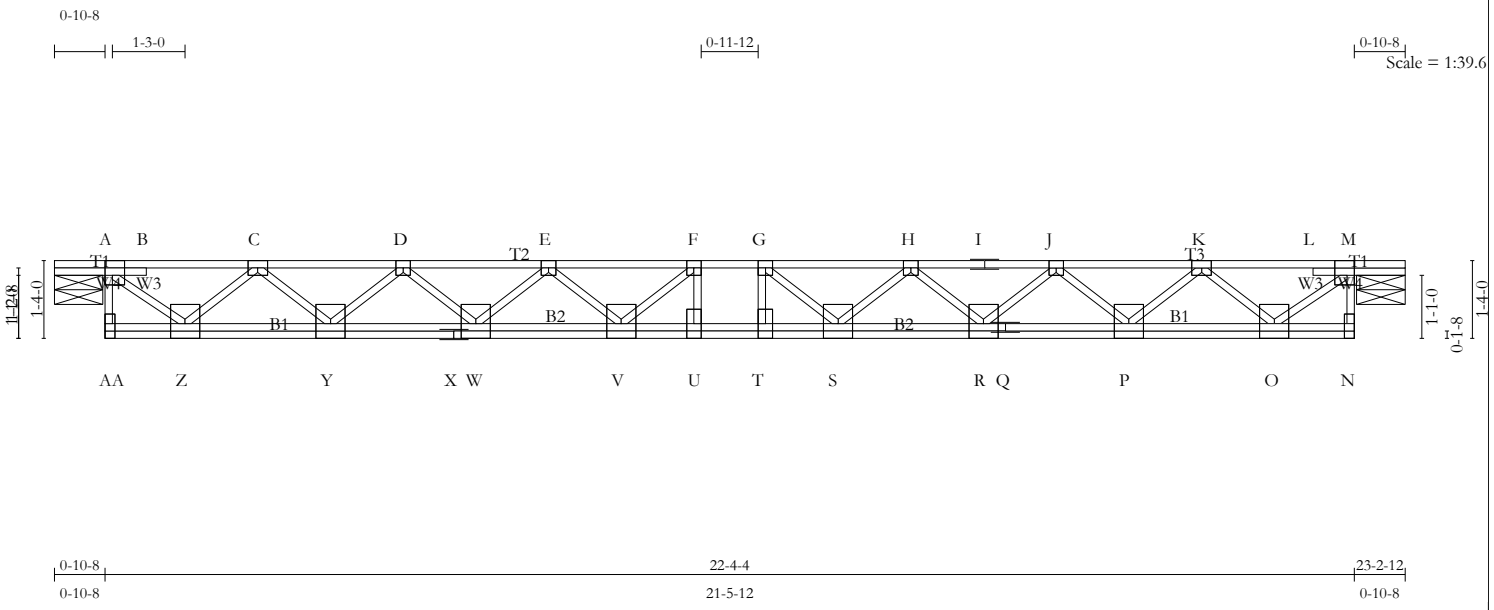


Plate Offsets (X,Y): [A:0-1-8,Edge], [M:0-1-8,Edge], [N:0-3-0,Edge], [T:0-3-0,0-0-0]

LOADING (psf)		SPACING	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.29	Vert(LL)	-0.27	U	>961	480	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.39	Vert(TL)	-0.42	T-U	>614	600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.52	Horz(TL)	-0.08	M	n/a	n/a		
BCDL	5.0	Code	IRC2003/TPI2002	(Matrix)							Weight: 146 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.1D
BOT CHORD 4 X 2 SYP No.1D
WEBS 4 X 2 SYP No.3

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

REACTIONS (lb/size) A=939/0-10-0, M=939/0-10-0

FORCES (lb) - First Load Case Only
TOP CHORD A-AA=4, M-N=5, A-B=0, B-C=0, C-D=-1320, D-E=-2027, E-F=-2589, F-G=-2937, G-H=-3028, H-I=0, I-J=0, J-K=-2030, K-L=0, L-M=0
BOT CHORD Z-AA=0, Y-Z=922, X-Y=1699, W-X=1699, V-W=2323, U-V=2937, T-U=2937, S-T=2937, R-S=3022, Q-R=2506, P-Q=2506, O-P=1532, N-O=0
WEBS A-Z=642, M-O=1058, C-Z=-579, K-O=-971, C-Y=540, K-P=676, D-Y=-514, J-P=-645, D-W=445, J-R=360, E-W=-401, H-R=-340, E-V=362, H-S=8, F-V=-462, G-S=120, F-U=210, G-T=-189

NOTES (5)
1) Unbalanced floor live loads have been considered for this design.
2) This truss is designed in accordance with the 2003 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 3-16d 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) Truss shall be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. Provide bracing where indicated and within 4" of interior joints. Bracing indicated is to reduce buckling of individual members only and does not replace erection and permanent bracing. Engineer's certification vaild only when truss is fabricated by a UFPI operated plant. 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. The truss designer accepts no responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Any references to job names and locations are for administrative purposes only and are not part of the review or certification of the truss designer.