

Job L140656	Truss CJ1	Truss Type MONO TRUSS	Qty 12	Ply 1	CASH-LOT 15 CANNON CREEK Job Reference (optional)
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LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.28	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.01	Vert(LL) -0.00 2 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Vert(TL) -0.00 2 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.00 3 n/a n/a		
				Weight: 7 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=266/0-3-8, 4=14/Mechanical, 3=90/Mechanical
Max Horz 2=87(load case 5)
Max Uplift 2=286(load case 5), 4=-9(load case 3), 3=-90(load case 1)
Max Grav 2=266(load case 1), 4=14(load case 1), 3=127(load case 5)

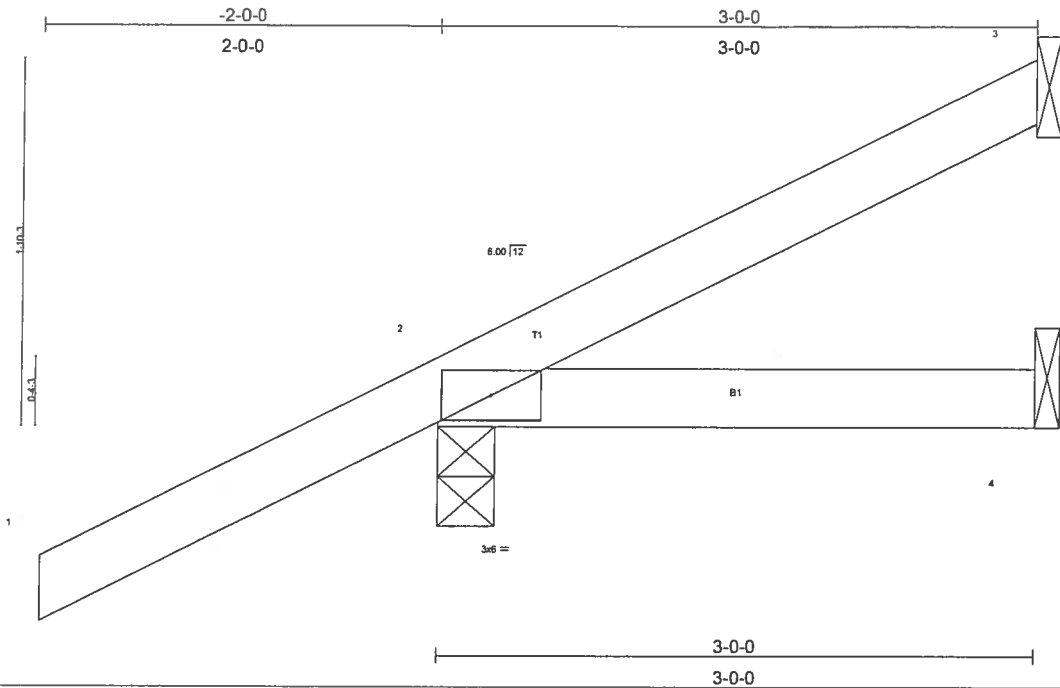
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-69/75
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2, 9 lb uplift at joint 4 and 90 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L140656	Truss CJ3	Truss Type MONO TRUSS	Qty 12	Ply 1	CASH-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/def L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.29	Vert(LL) 0.01 2-4 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.08	Vert(TL) 0.01 2-4 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			
Weight: 13 lb					

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING

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

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift 3=28(load case 6), 2=-238(load case 5), 4=-27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-57/7
BOT CHORD 2-4=0/0

NOTES

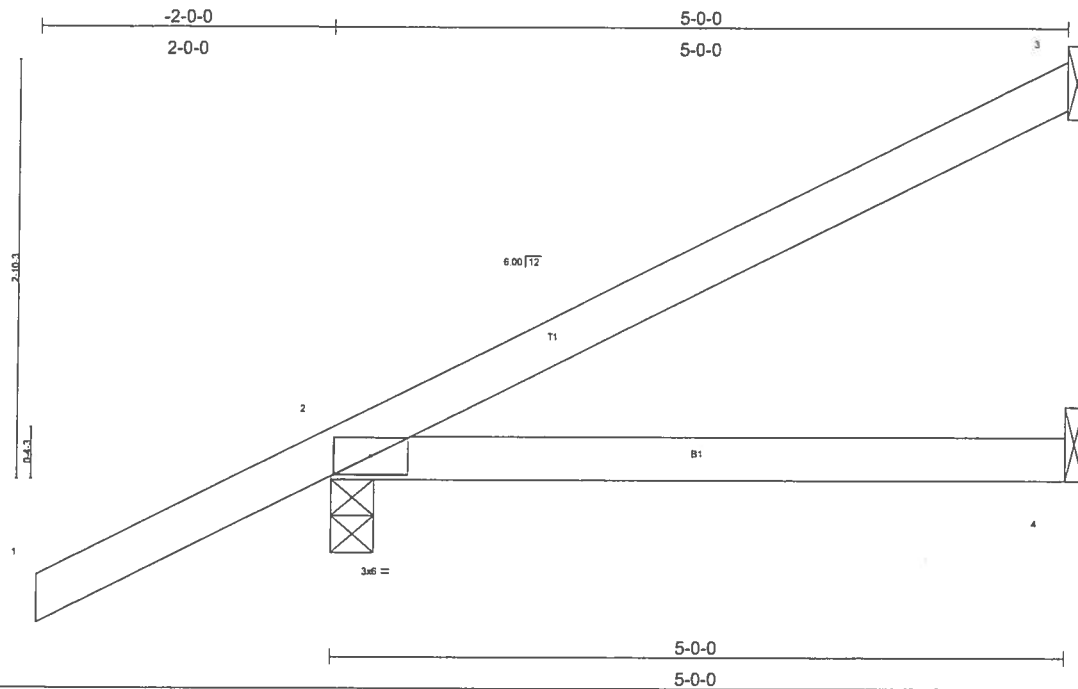
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L140656	Truss EJ5	Truss Type MONO TRUSS	Qty 3	Ply 1	CASH-LOT 15 CANNON CREEK Job Reference (optional)
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LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.16	Vert(TL)	-0.05	2-4	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 19 lb	

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

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

REACTIONS (lb/size) 3=103/Mechanical, 2=343/0-3-8, 4=72/Mechanical
 Max Horz 2=178(load case 5)
 Max Uplift 3=-87(load case 5), 2=-199(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-88/36
 BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 3 and 199 lb uplift at joint 2.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	HJ7	MONO TRUSS	2	1	Job Reference (optional)
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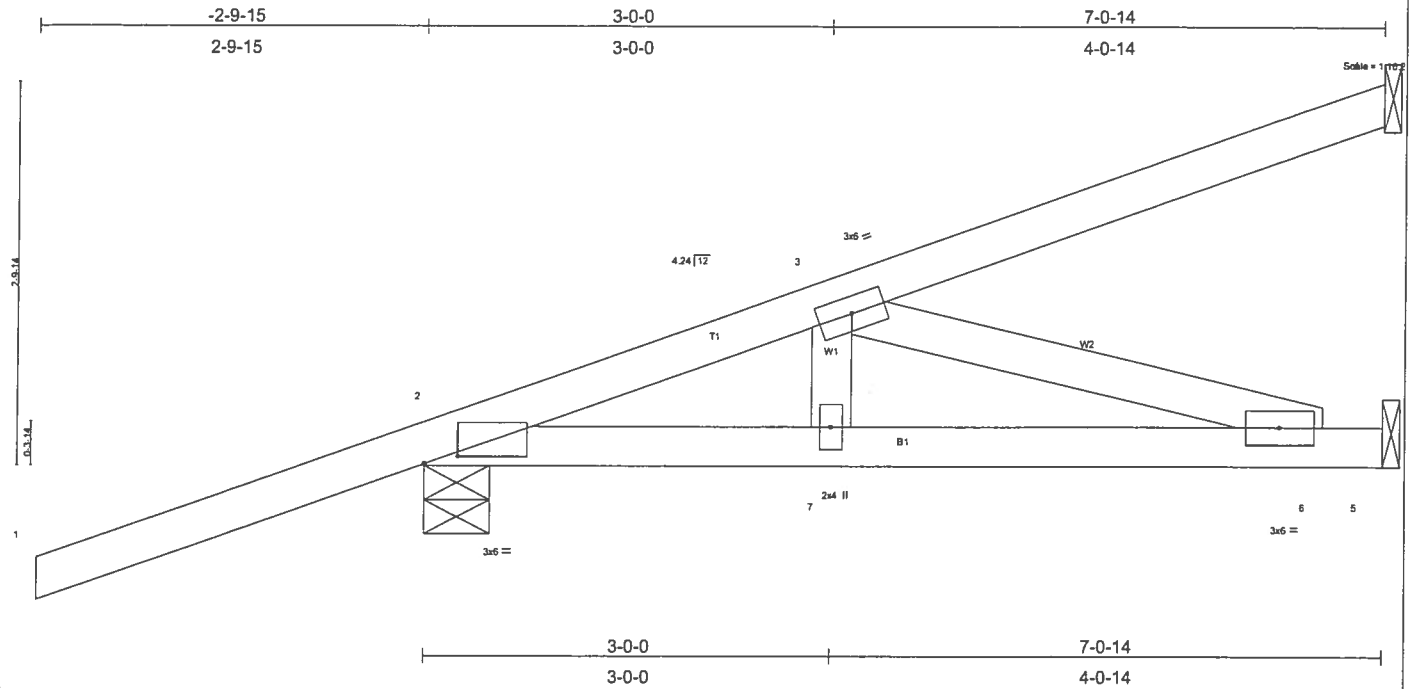


Plate Offsets (X,Y): [2-0-2-15,0-0-11]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.54	Vert(LL)	-0.02	6-7	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.30	Vert(TL)	-0.04	6-7	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.09	Horz(TL)	0.00	5	n/a	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)							
	Code FBC2004/TP12002								
								Weight: 33 lb	

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

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

REACTIONS (lb/size) 4=143/Mechanical, 2=378/0-5-11, 5=158/Mechanical
 Max Horz 2=164(load case 2)
 Max Uplift 4=-119(load case 2), 2=-251(load case 2), 5=-2(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/50, 2-3=-318/0, 3-4=-54/35
 BOT CHORD 2-7=-50/280, 6-7=-50/280, 5-6=0/0
 WEBS 3-7=0/103, 3-6=-292/52

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb uplift at joint 4, 251 lb uplift at joint 2 and 2 lb uplift at joint 5.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-2=-54

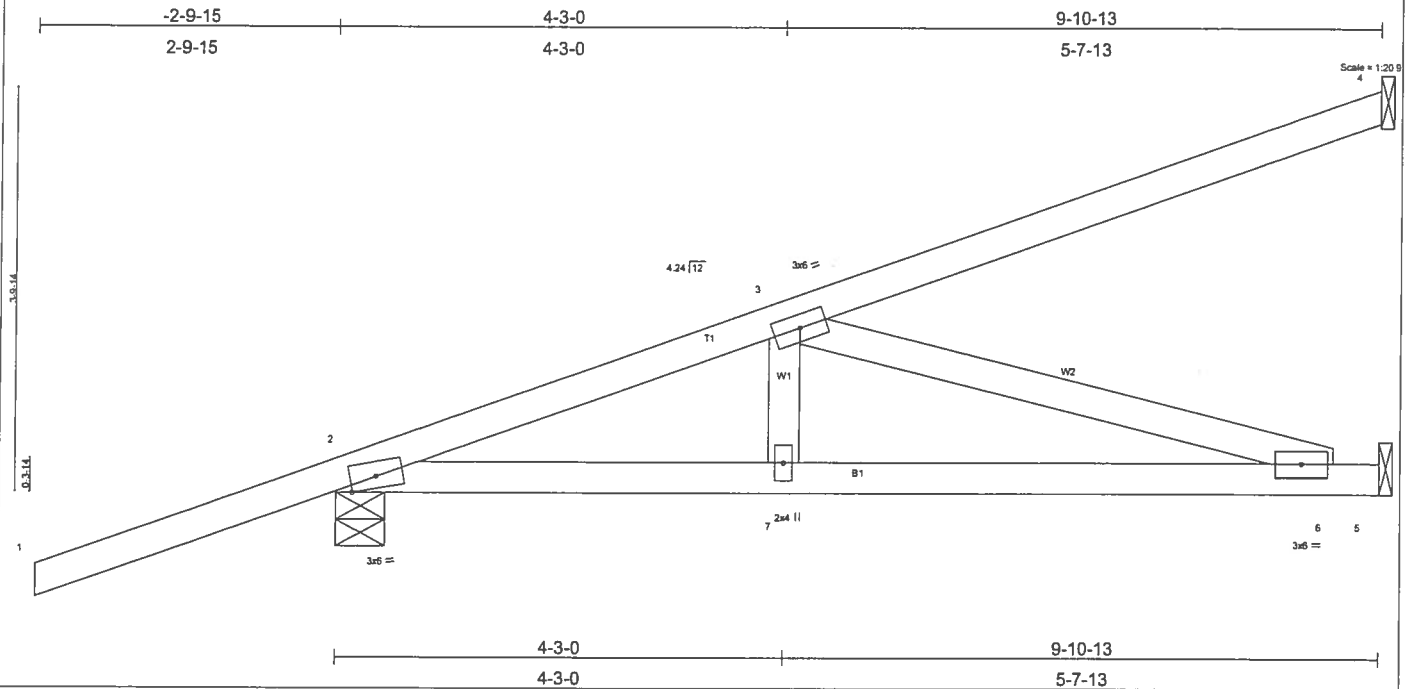
Trapezoidal Loads (plf)

Vert: 2=-3(F=25, B=25)-to-4=-95(F=-21, B=-21), 2=-0(F=15, B=15)-to-5=-53(F=-12, B=-12)

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	HJ9	MONO TRUSS	4	1	Job Reference (optional)

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.62	Vert(LL) -0.11	6-7 >999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.61	Vert(TL) -0.19	6-7 >622	180		
BCCL 10.0	Rep Stress Incr NO	WB 0.47	Horz(TL) 0.01	5 n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)					Weight: 45 lb

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

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

REACTIONS (lb/size) 4=270/Mechanical, 2=535/0-5-11, 5=374/Mechanical
 Max Horz 2=269(load case 2)
 Max Uplift 4=231(load case 2), 2=281(load case 2), 5=62(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/50, 2-3=-883/120, 3-4=-105/66
 BOT CHORD 2-7=-308/817, 6-7=-308/817, 5-6=0/0
 WEBS 3-7=0/188, 3-6=-851/321

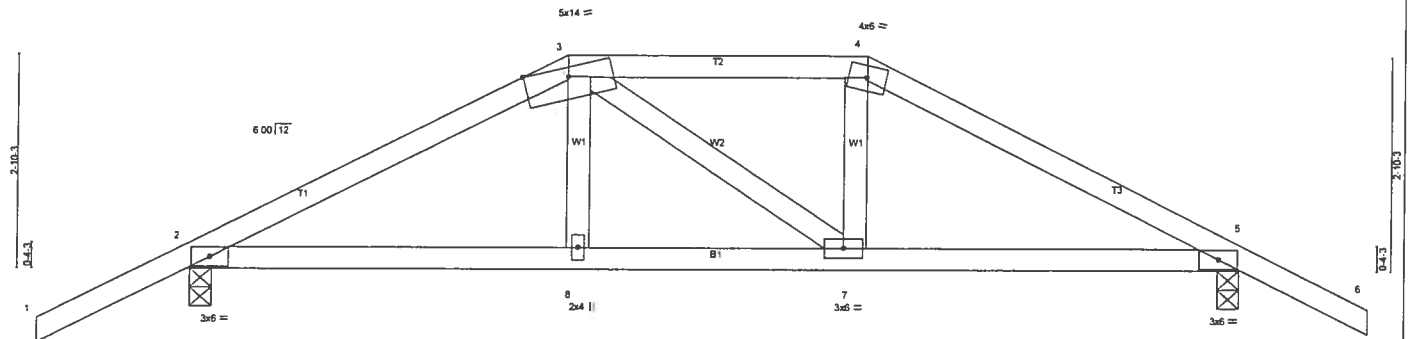
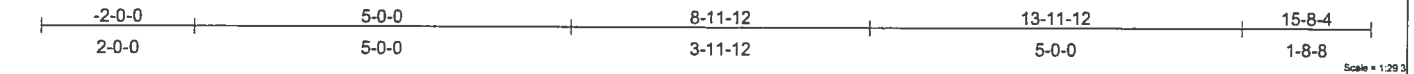
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 231 lb uplift at joint 4, 281 lb uplift at joint 2 and 62 lb uplift at joint 5.
- 4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54
 Trapezoidal Loads (plf)
 Vert: 2=-3(F=25, B=25)-to-4=-134(F=40, B=40), 2=-0(F=15, B=15)-to-5=-74(F=22, B=22)

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T01	HIP	1	1	Job Reference (optional)
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5-0-0		8-11-12		13-11-12	
5-0-0		3-11-12		5-0-0	
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.27	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.34	Vert(LL) -0.05 7-8 >999 240		
BCLL 10.0	Rep Stress Incr NO	WB 0.15	Vert(TL) -0.08 7-8 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.03 5 n/a n/a		
Weight: 63 lb					

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-9-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 8-11-13 oc bracing.

REACTIONS (lb/size) 2=1048/0-3-8, 5=1028/0-3-8
 Max Horz 2=77(load case 4)
 Max Uplift 2=488(load case 4), 5=468(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=1632/597, 3-4=1426/587, 4-5=1640/604, 5-6=0/40
 BOT CHORD 2-8=488/1393, 7-8=493/1417, 5-7=461/1403
 WEBS 3-8=94/412, 3-7=68/83, 4-7=108/454

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 488 lb uplift at joint 2 and 468 lb uplift at joint 5.
- 5) Girder carries hip end with 5-0-0 end setback.
- 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 126 lb up at 8-11-12, and 245 lb down and 126 lb up at 5-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-4=-91(F=37), 4-6=-54, 2-8=-30, 7-8=-50(F=-20), 5-7=-30
 Concentrated Loads (lb)
 Vert: 8=-245(F) 7=-245(F)

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T01A	HIP	1	2	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Nov 29 13:53:23 2005 Page 1		

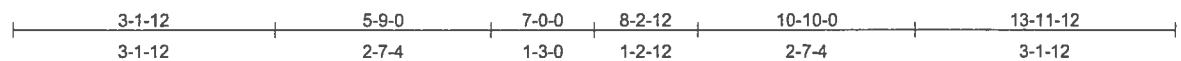
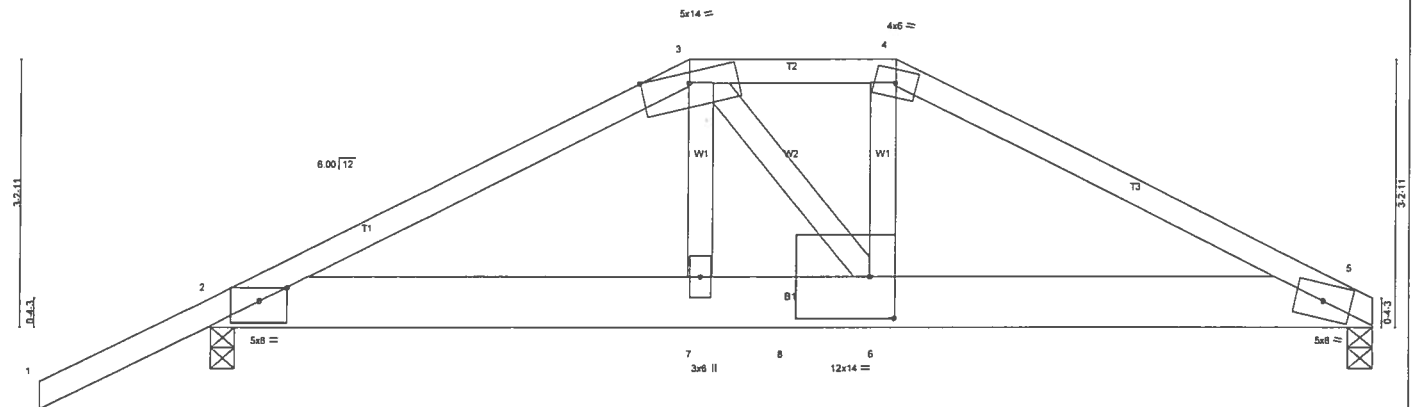


Plate Offsets (X,Y): [2-0-4-0-0-1-15], [6-0-3-8-0-6-0]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES
TCLL 20.0	Plates Increase	1.25	TC 0.40	Vert(LL)	-0.09	5-6	>999	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.62	Vert(TL)	-0.15	5-6	>999	180	GRIP
BCCL 10.0	Rep Stress Incr	NO	WB 0.50	Horz(TL)	0.03	5	n/a	n/a	244/190
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 162 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 8 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-6-11 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=5178/0-3-8, 2=3087/0-3-8
 Max Horz 2=111(load case 4)
 Max Uplift 5=1917(load case 5), 2=1214(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/54, 2-3=6132/2216, 3-4=6860/2585, 4-5=7512/2758
 BOT CHORD 2-7=1927/5431, 7-8=1939/5477, 6-8=1939/5477, 5-6=2402/6700
 WEBS 3-7=264/873, 3-6=867/2233, 4-6=1106/3099

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1917 lb uplift at joint 5 and 1214 lb uplift at joint 2.
- Girder carries tie-in span(s): 34-0-0 from 8-0-0 to 13-11-12
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 3170 lb down and 1197 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=54, 3-4=54, 4-5=54, 2-6=30, 5-6=696(F=666)
 Concentrated Loads (lb)
 Vert: 8=3170(F)

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T02	HIP	1	1	Job Reference (optional)
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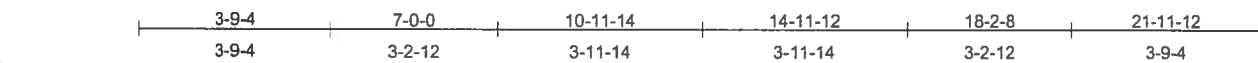


Plate Offsets (X,Y): [2:0-1-11,Edge], [6:0-1-11,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.53	Vert(LL)	-0.29	8-10	>904	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.81	Vert(TL)	-0.48	8-10	>542	180	MT20H	187/143
BCLL 10.0	Rep Stress Incr	NO	WB 0.39	Horz(TL)	0.10	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 99 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 2-11-10 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 5-8-3 oc bracing.

REACTIONS (lb/size) 2=1955/0-3-8, 6=1955/0-3-8
 Max Horz 2=87(load case 4)
 Max Uplift 2=876(load case 4), 6=876(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=3552/1406, 3-4=3130/1331, 4-5=3130/1331, 5-6=3552/1406, 6-7=0/47
 BOT CHORD 2-10=1202/3082, 9-10=1402/3351, 8-9=1402/3351, 6-8=1161/3082
 WEBS 3-10=423/1205, 4-10=415/343, 4-8=415/343, 5-8=423/1205

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 876 lb uplift at joint 2 and 876 lb uplift at joint 6.
- Girder carries hip end with 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 14-11-12, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert 1-3=54, 3-5=118(F=64), 5-7=54, 2-10=30, 8-10=65(F=35), 6-8=30
 Concentrated Loads (lb)
 Vert 10=539(F) 8=539(F)

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T03	HIP	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Nov 29 13:53:25 2005 Page 1		

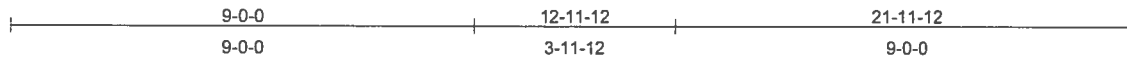
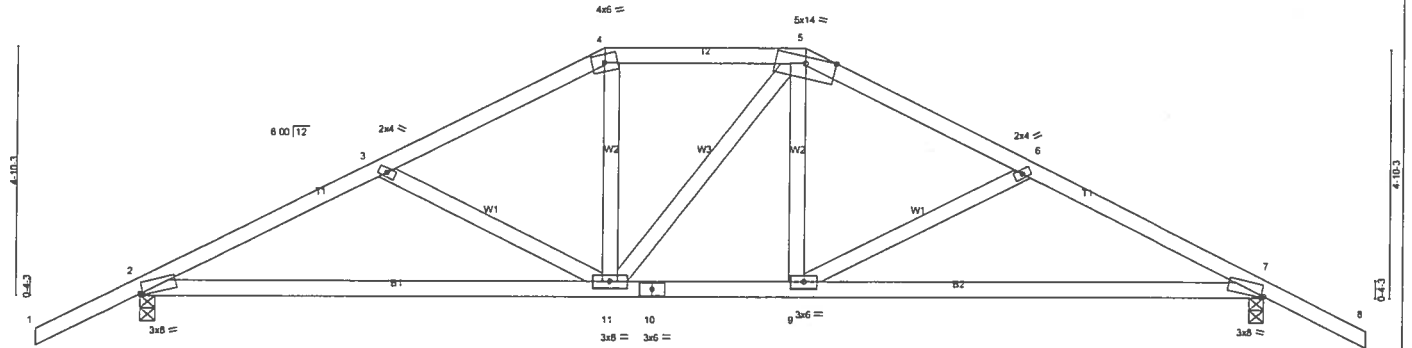
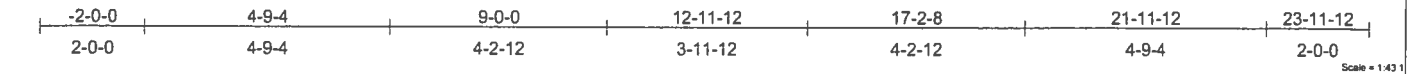


Plate Offsets (X,Y): [2-0-0-10,Edge], [7-0-0-10,Edge]

LOADING (psf)	SPACING	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	Vert(LL)	-0.17	7-9	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.45	Vert(TL)	-0.30	7-9	>873	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.13	Horz(TL)	0.04	7	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002								
								Weight: 111 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-10-2 oc purins.
BOT CHORD Rigid ceiling directly applied or 9-9-2 oc bracing.

REACTIONS

(lb/size) 2=1027/0-3-8, 7=1027/0-3-8
Max Horz 2=-101(load case 6)
Max Uplift 2=410(load case 5), 7=410(load case 6)

FORCES

(lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=1503/634, 3-4=1244/522, 4-5=1072/518, 5-6=1243/522, 6-7=1503/634, 7-8=0/47
BOT CHORD 2-11=404/1304, 10-11=209/1071, 9-10=209/1071, 7-9=404/1304
WEBS 3-11=274/222, 4-11=59/313, 5-11=100/103, 5-9=58/313, 6-9=275/221

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 410 lb uplift at joint 2 and 410 lb uplift at joint 7.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T04A	COMMON	1	2	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Nov 29 13:53:26 2005 Page 1		

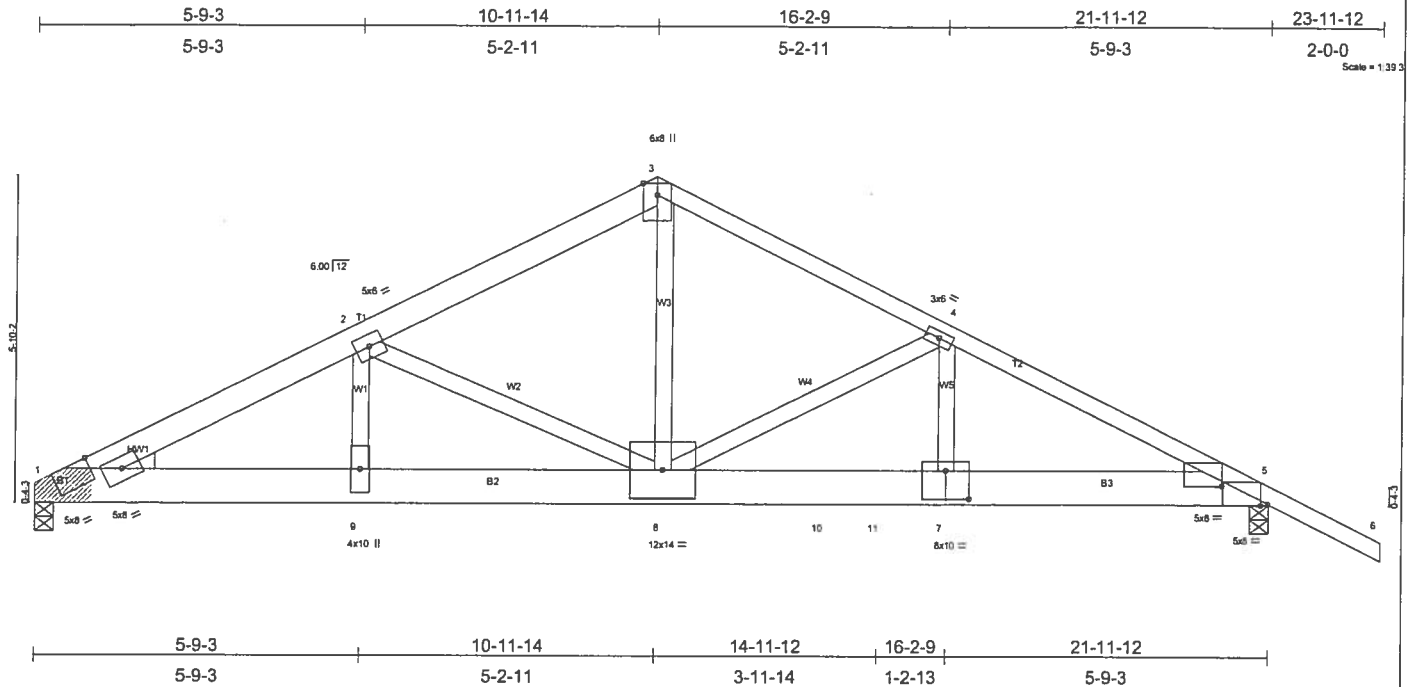


Plate Offsets (X,Y): [1:0-6-0,Edge], [5:0-9-15,0-3-14], [5:0-1-10,Edge], [7:0-5-0,0-6-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.61	Vert(LL) -0.22	7-8	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.60	Vert(TL) -0.35	7-8	>749	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.73	Horz(TL) 0.08	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 302 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.1D *Except*
T2 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
W3 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-5-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=7942/0-4-11 (0-4-0 + bearing block), 5=5663/0-4-0
Max Horz 1=147(load case 5)
Max Uplift 1=2951(load case 4), 5=2174(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

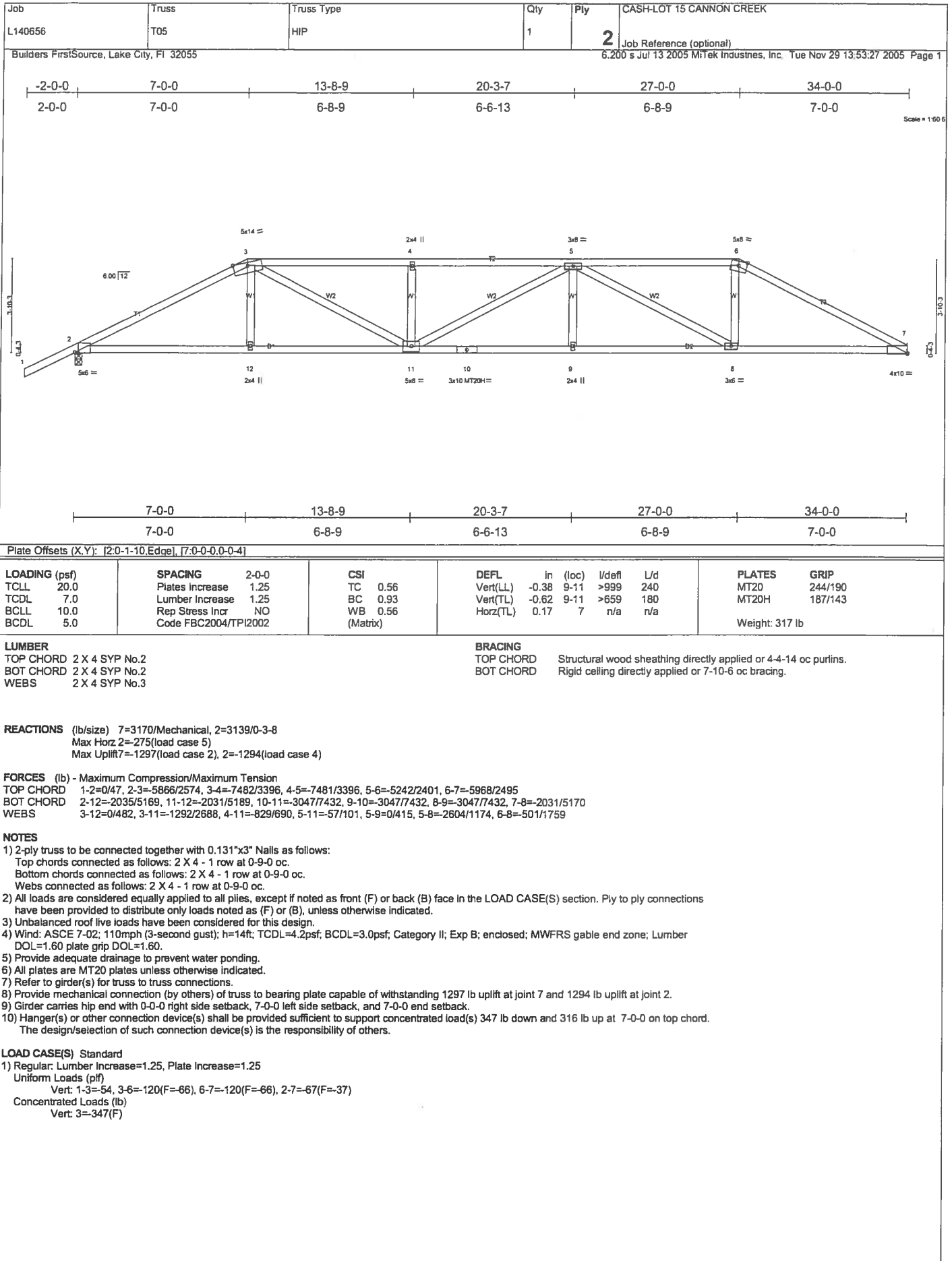
TOP CHORD 1-2=-13811/5110, 2-3=-9271/3463, 3-4=-9464/3543, 4-5=-11962/4369, 5-6=0/54
BOT CHORD 1-9=-4597/12433, 8-9=-4597/12433, 8-10=-3815/10652, 10-11=-3815/10652, 7-11=-3815/10652, 5-7=-3815/10652
WEBS 2-9=-1309/3572, 2-8=-4697/1850, 3-8=-2929/7950, 4-8=-2504/989, 4-7=-696/2099

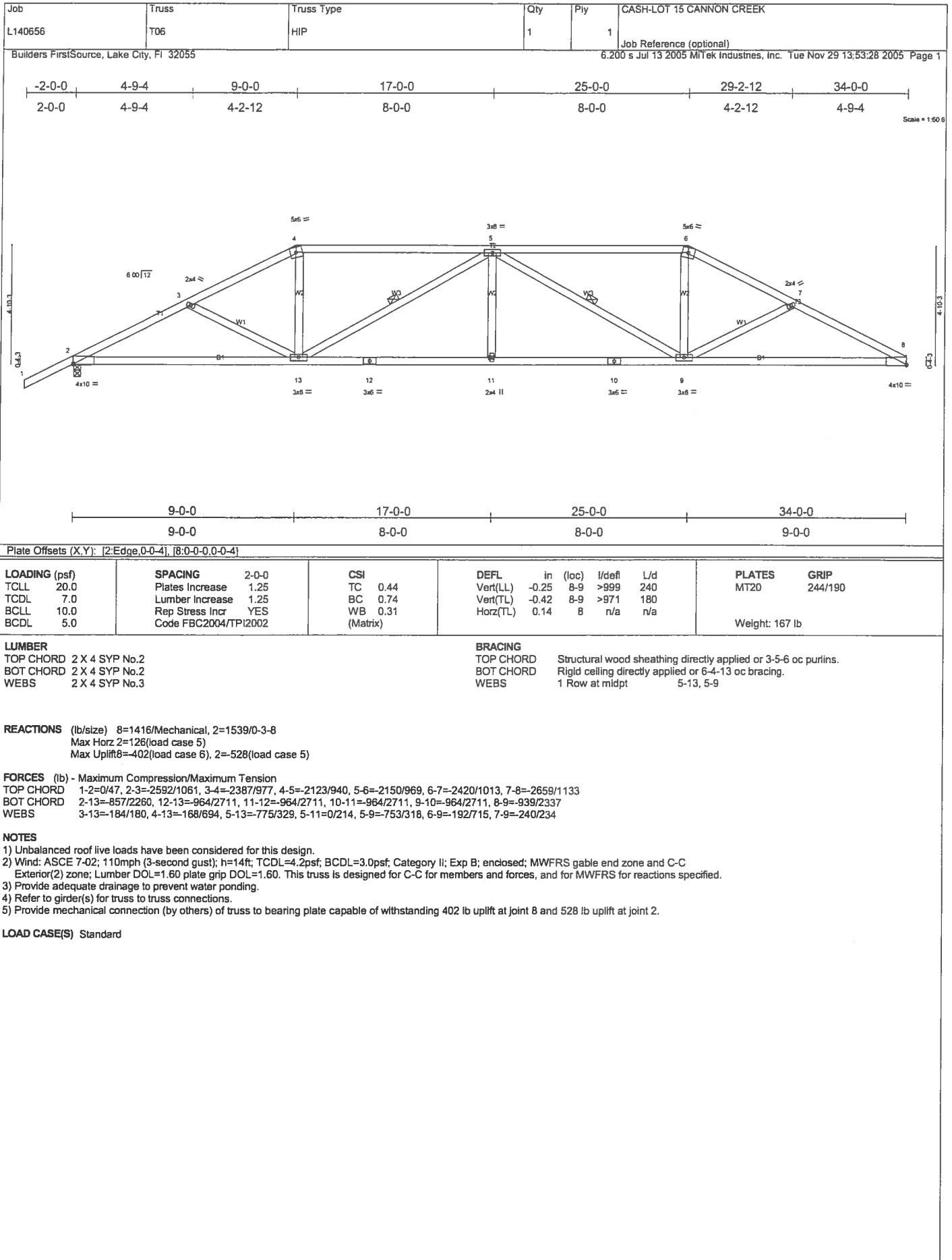
NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc, 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 2 X 8 SYP 2400F 2.0E bearing block 12" long at jt. 1 attached to back face with 4 rows of 0.131"x3" Nails spaced 3" o.c. 16 Total fasteners per block.
Bearing is assumed to be SYP.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2951 lb uplift at joint 1 and 2174 lb uplift at joint 5.
- Girder carries tie-in span(s): 34-0-0 from 0-0-0 to 13-11-12
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2485 lb down and 938 lb up at 14-11-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-6=-54, 1-10=-695(F=-665), 5-10=-30
Concentrated Loads (lb)
Vert: 11=-2485(F)

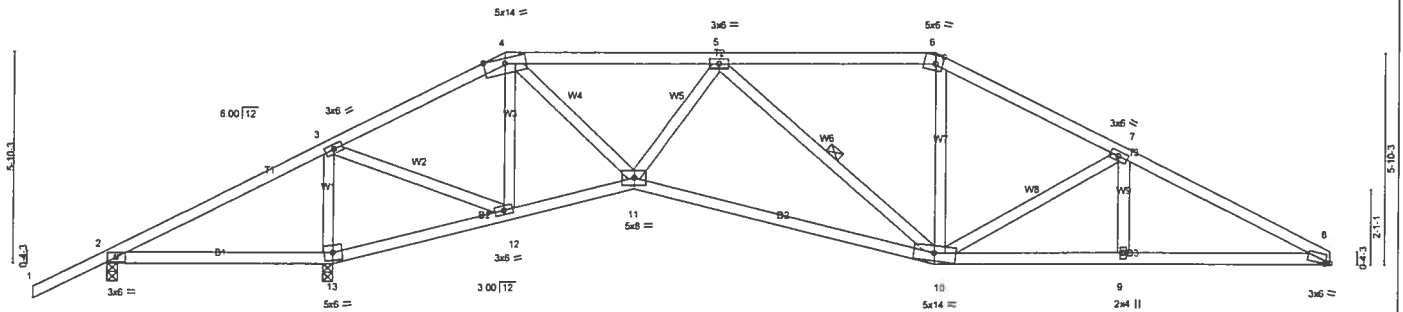




Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T07	SPECIAL	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Nov 29 13:53:29 2005 Page 1		

-2-0-0	6-3-8	11-0-0	17-0-0	23-0-0	28-2-12	34-0-0
2-0-0	6-3-8	4-8-8	6-0-0	6-0-0	5-2-12	5-9-4

Scale = 1:6.12



*** Uplift in
gravity load case.**

6-1-12	6-3-8	11-0-0	14-7-12	23-0-0	28-2-12	34-0-0
6-1-12	0-1-12	4-8-8	3-7-12	8-4-4	5-2-12	5-9-4

Plate Offsets (X,Y): [6:0-2-3,Edge], [8:0-1-9,0-0-7]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCCL 20.0	Plates Increase	1.25	TC 0.40	Vert(LL)	-0.20	10-11	>999	240	
TCDL 7.0	Lumber Increase	1.25	BC 0.56	Vert(TL)	-0.33	10-11	>999	180	
BCCL 10.0	Rep Stress Incr	YES	WB 0.50	Horz(TL)	0.07	8	n/a	n/a	
BCDL 5.0	Code FBC2004/TP12002		(Matrix)						
									Weight: 172 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-0 oc bracing.
WEBS 1 Row at midpt 5-10

REACTIONS

(lb/size) 8=1045/Mechanical, 2=-130/0-3-8, 13=2040/0-3-8
Max Horz 2=140(load case 5)
Max Uplift 8=-338(load case 6), 2=-325(load case 10), 13=-609(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-356/1104, 3-4=-603/301, 4-5=-1321/575, 5-6=-1206/638, 6-7=-1422/653, 7-8=-1891/807
BOT CHORD 2-13=-910/382, 12-13=-1039/438, 11-12=-117/489, 10-11=-434/1491, 9-10=-638/1640, 8-9=-638/1640
WEBS 3-13=-1584/707, 3-12=-482/1568, 4-12=-856/330, 4-11=-370/1197, 5-11=-203/219, 5-10=-393/215, 6-10=-66/310, 7-10=-492/324, 7-9=0/161

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 338 lb uplift at joint 8, 325 lb uplift at joint 2 and 609 lb uplift at joint 13.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T09	SPECIAL	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Nov 29 13:53:31 2005 Page 1		

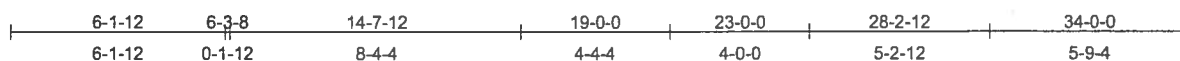
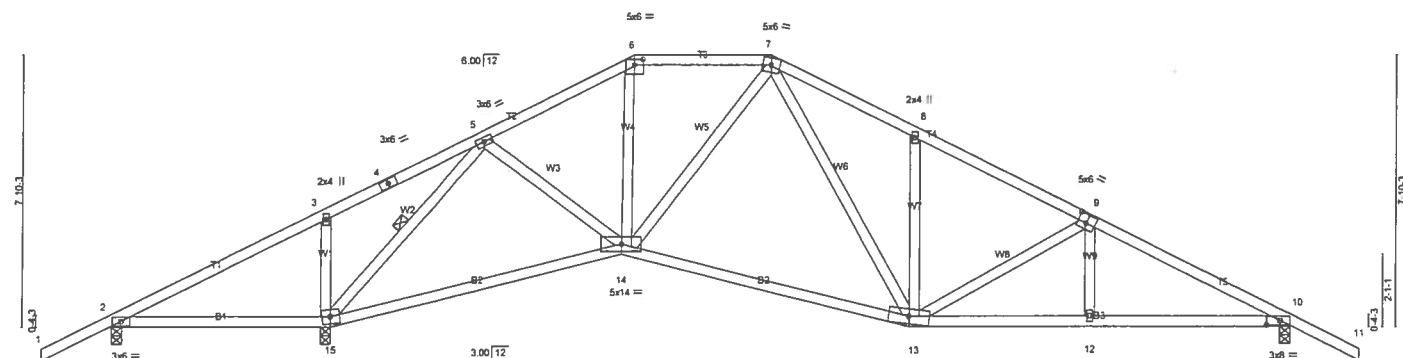
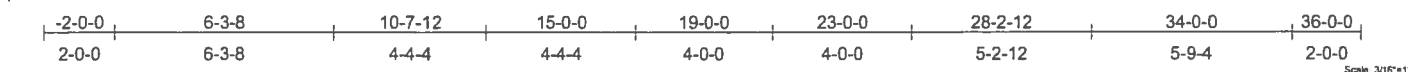


Plate Offsets (X,Y): [6-0-3-0,0-2-0], [9-0-3-0,0-3-0], [10-0-4-12,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.40	Vert(LL) 0.08	2-15	>909	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.53	Vert(TL) -0.27	13-14	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.47	Horz(TL) 0.07	10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 186 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-4-5 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 5-15

REACTIONS (lb/size) 2=56/0-3-8, 15=1805/0-3-8, 10=1203/0-3-8
 Max Horz 2=143(load case 5)
 Max Uplift 2=208(load case 5), 15=618(load case 5), 10=496(load case 6)
 Max Grav 2=136(load case 9), 15=1805(load case 1), 10=1203(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=202/686, 3-4=62/564, 4-5=47/662, 5-6=1212/523, 6-7=1020/512, 7-8=1467/818, 8-9=1480/687, 9-10=1929/784,
 10-11=0/47
 BOT CHORD 2-15=539/323, 14-15=106/621, 13-14=146/1091, 12-13=529/1649, 10-12=528/1652
 WEBS 3-15=321/315, 5-15=1785/574, 5-14=43/609, 7-14=116/180, 8-13=243/258, 9-13=449/252, 9-12=0/146, 7-13=362/517, 6-14=58/297

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide adequate drainage to prevent water ponding.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 2, 618 lb uplift at joint 15 and 496 lb uplift at joint 10.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T10	SPECIAL	3	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Tue Nov 29 13:53:32 2005 Page 1		

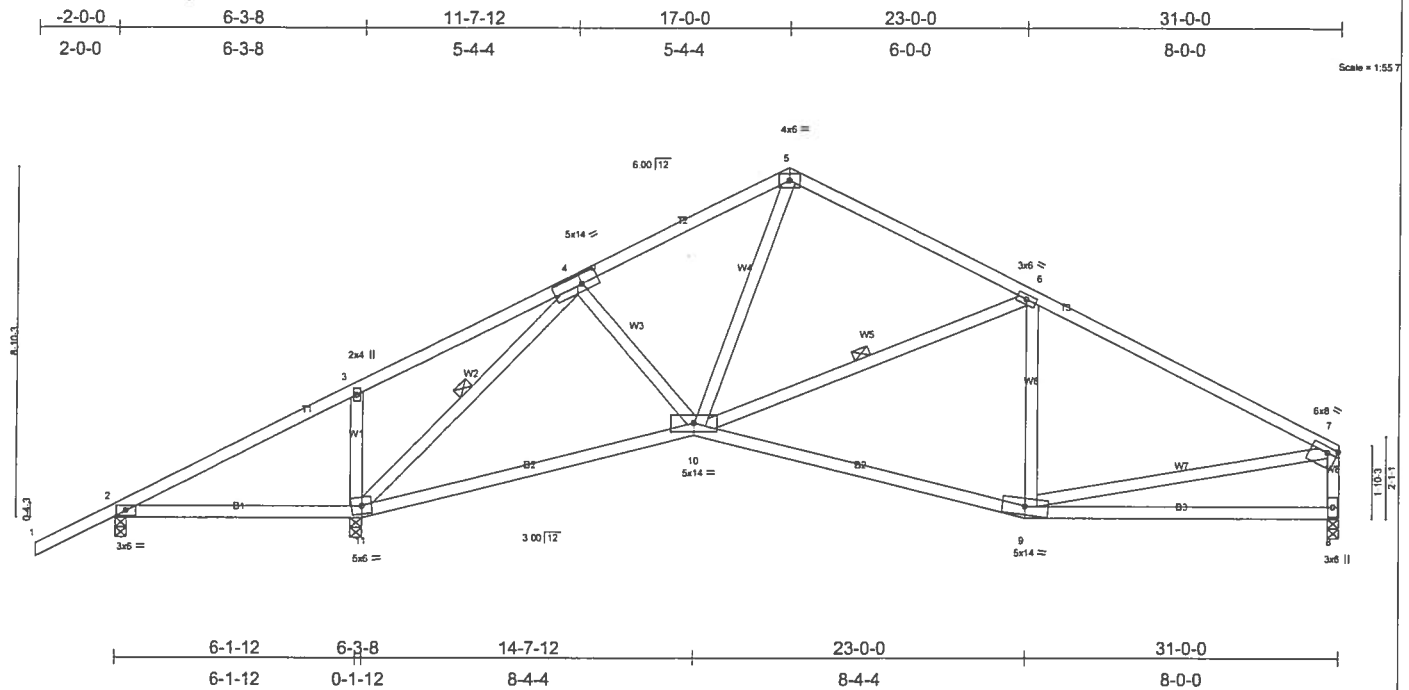


Plate Offsets (X,Y): [4:0-5-1,0-2-15], [7:Edge,0-1-12]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.88	Vert(LL)	0.08	2-11	>881	240	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.41	Vert(TL)	0.08	2-11	>965	180	
BCLL 10.0	Rep Stress Incr YES	WB 0.49	Horz(TL)	0.05	8	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						Weight: 169 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-3-8 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 6-0-0 oc bracing: 2-11.
 WEBS 1 Row at midpt 4-11, 6-10

REACTIONS (lb/size) 2=208/0-3-8, 11=1503/0-3-8, 8=985/0-3-8

Max Horz 2=234(load case 5)
 Max Uplift 2=210(load case 5), 11=600(load case 5), 8=324(load case 6)
 Max Grav 2=248(load case 9), 11=1503(load case 1), 8=985(load case 1)

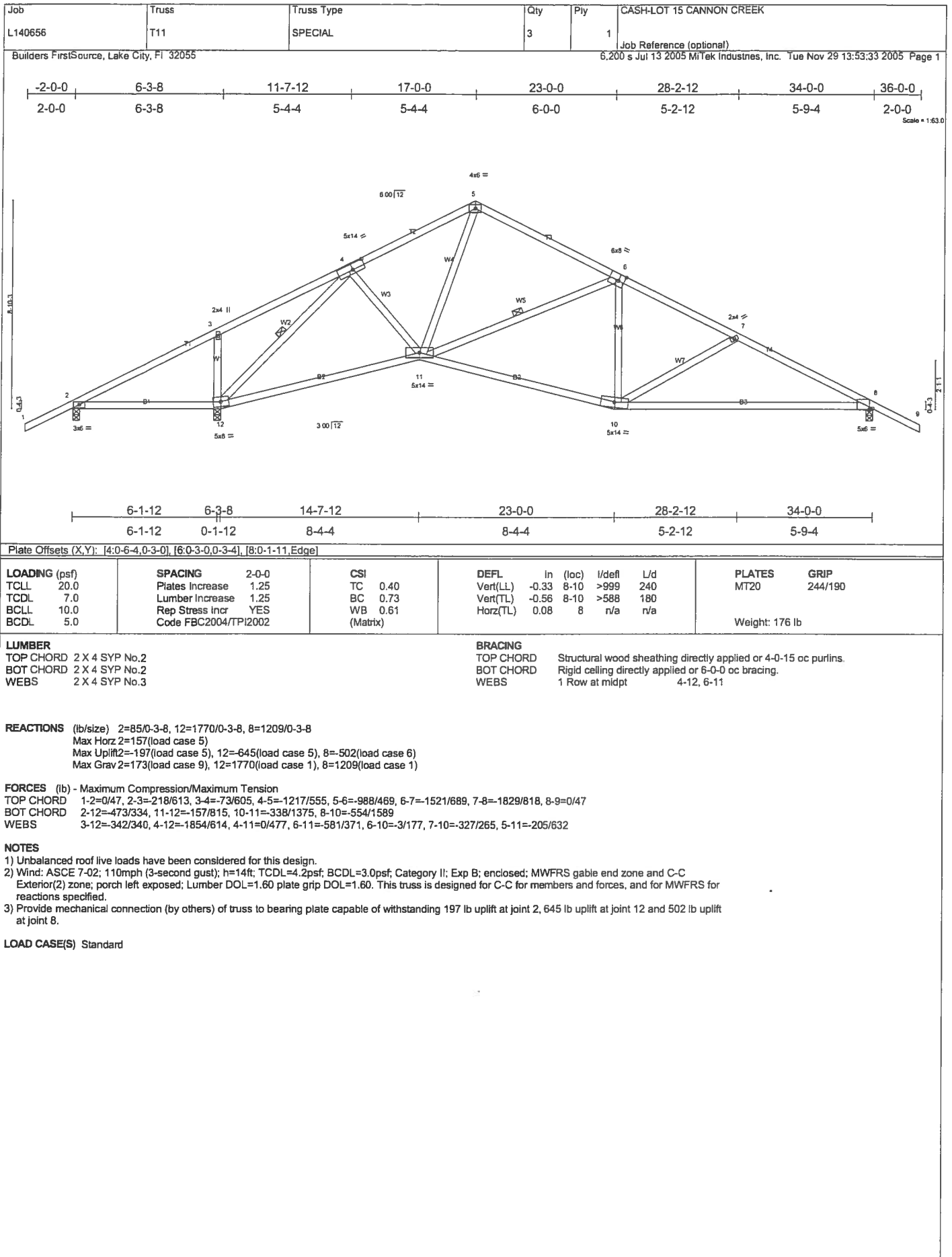
FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=193/352, 3-4=46/348, 4-5=1130/551, 5-6=924/465, 6-7=1217/532, 7-8=868/439
 BOT CHORD 2-11=242/161, 10-11=238/819, 9-10=377/1061, 8-9=150/256
 WEBS 3-11=334/338, 4-11=1515/589, 4-10=0/353, 6-10=340/262, 6-9=162/186, 7-9=220/763, 5-10=224/587

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 2, 600 lb uplift at joint 11 and 324 lb uplift at joint 8.

LOAD CASE(S) Standard



Job L140656	Truss T12	Truss Type MONO HIP	Qty 1	Ply 2	CASH-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Nov 29 13:53:34 2005 Page 1

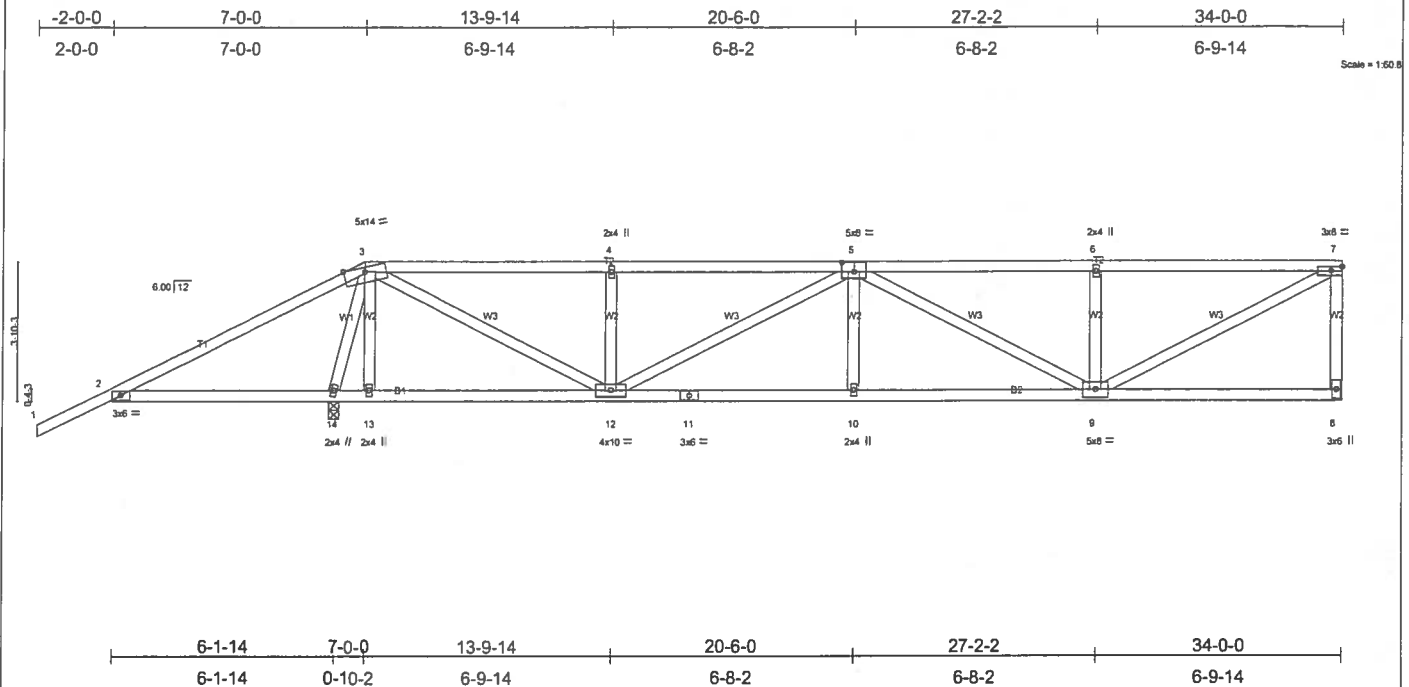


Plate Offsets (X,Y): [5:0-4:0,0-3:0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.67	Vert(LL)	-0.19 10-12	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.62	Vert(TL)	-0.30 10-12	>999	180		
BCLL 10.0	Rep Stress Incr NO	WB 0.66	Horz(TL)	0.05 8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 356 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 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 6-0-0 oc bracing.

REACTIONS (lb/size) 8=2485/Mechanical, 14=3818/0-3-8

Max Horz 14=227(load case 4)
 Max Uplift 8=1175(load case 3), 14=1710(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=567/1017, 3-4=3675/1944, 4-5=3675/1944, 5-6=3683/1760, 6-7=3683/1760, 7-8=2258/1200
 BOT CHORD 2-14=810/630, 13-14=372/42, 12-13=369/48, 11-12=2371/4834, 10-11=2371/4834, 9-10=2371/4834, 8-9=77/168
 WEBS 3-14=3541/1587, 3-13=0/176, 3-12=1828/4089, 4-12=815/697, 5-12=1313/514, 5-10=0/441, 5-9=1304/693, 6-9=820/684, 7-9=1906/3983

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1175 lb uplift at joint 8 and 1710 lb uplift at joint 14.
- Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 347 lb down and 316 lb up at 7-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=54, 3-7=120(F=66), 2-8=67(F=37)
 Concentrated Loads (lb)
 Vert: 3=347(F)

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T13	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055

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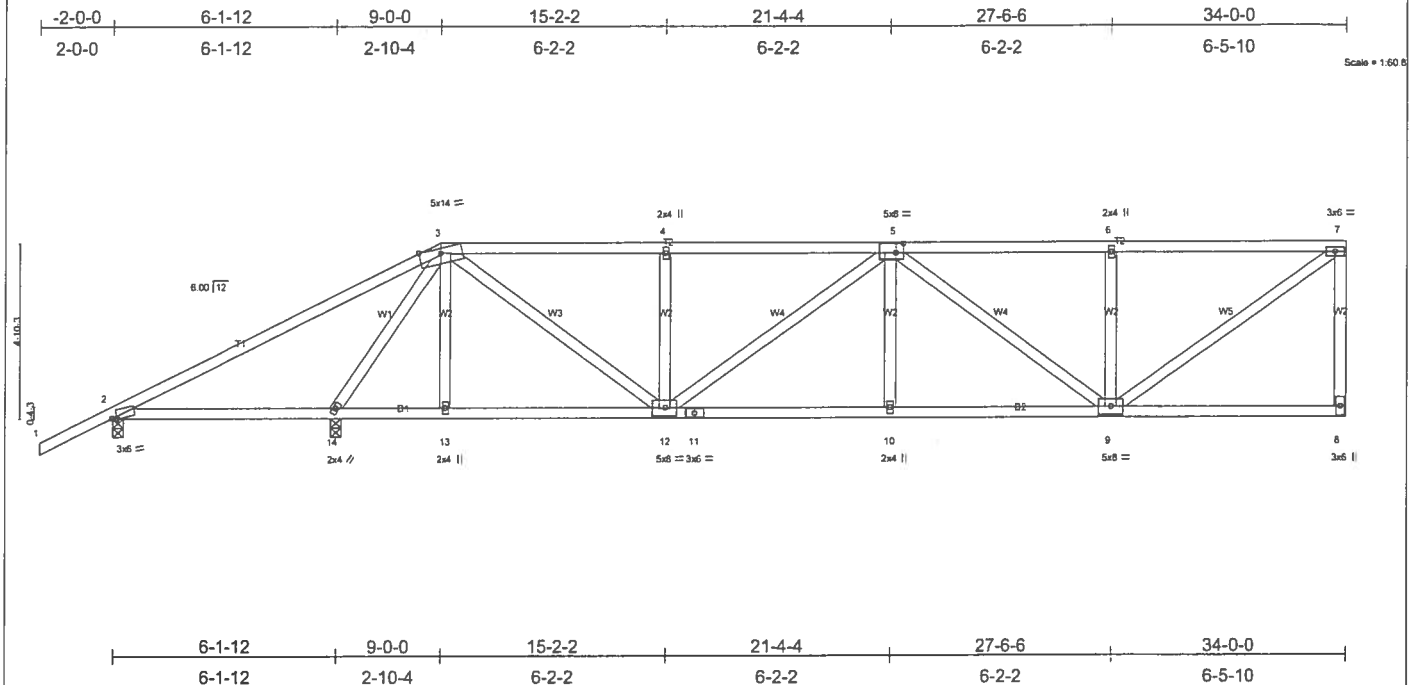


Plate Offsets (X,Y): [2-0-1-9,0-0-7], [5-0-2-12,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.84	Vert(LL) 0.11	2-14	>641	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.41	Vert(TL) 0.09	2-14	>815	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.96	Horz(TL) 0.03	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 189 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-6-15 oc purtins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 8=1104/Mechanical, 2=82/0-3-8, 14=1762/0-3-8

Max Horz 2=272(load case 5)

Max Uplift 8=418(load case 4), 2=211(load case 5), 14=665(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=356/777, 3-4=-1359/561, 4-5=-1359/561, 5-6=-1221/488, 6-7=-1221/488, 7-8=-1008/452

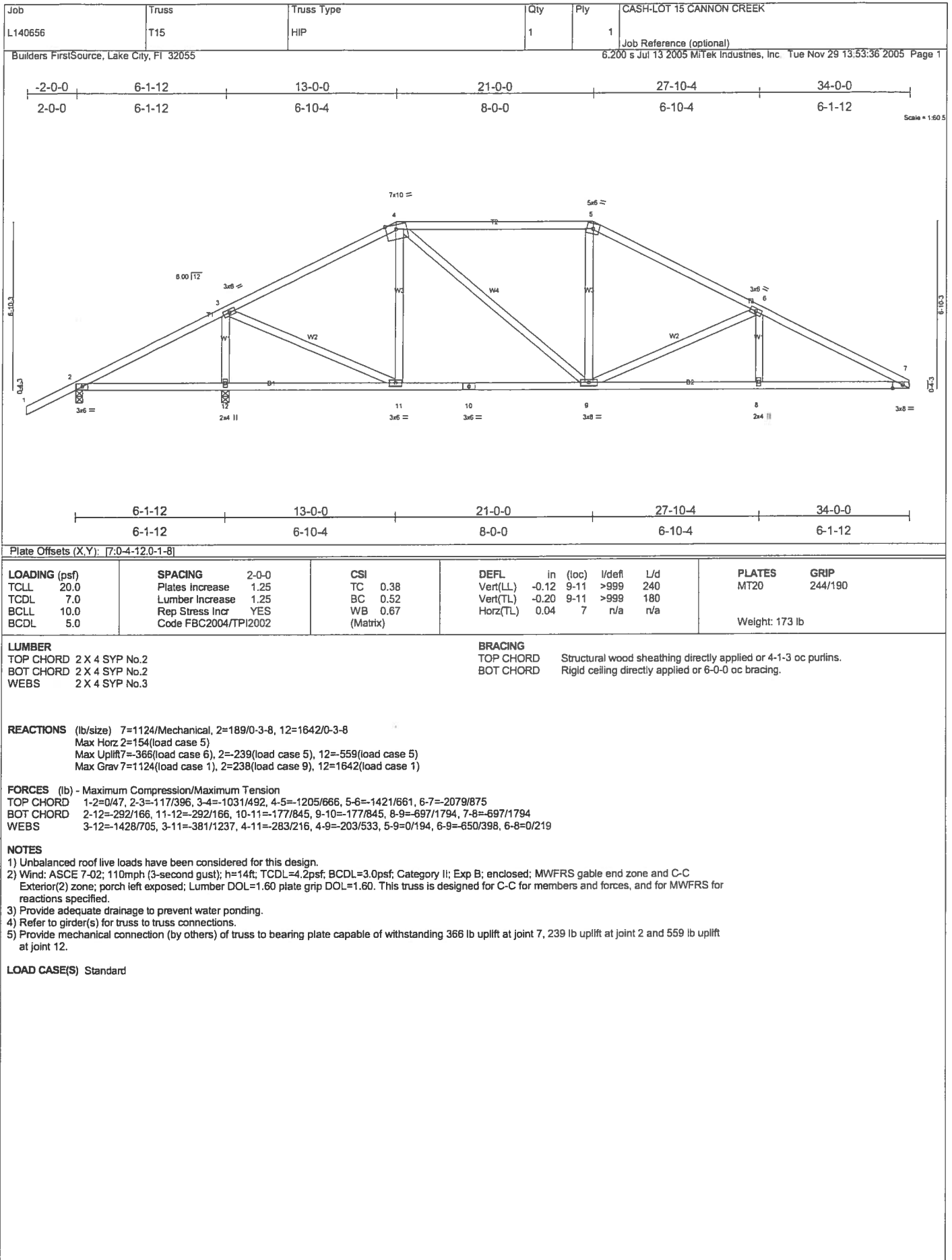
BOT CHORD 2-14=-591/205, 13-14=-236/406, 12-13=-233/409, 11-12=-667/1645, 10-11=-667/1645, 9-10=-668/1639, 8-9=-20/49

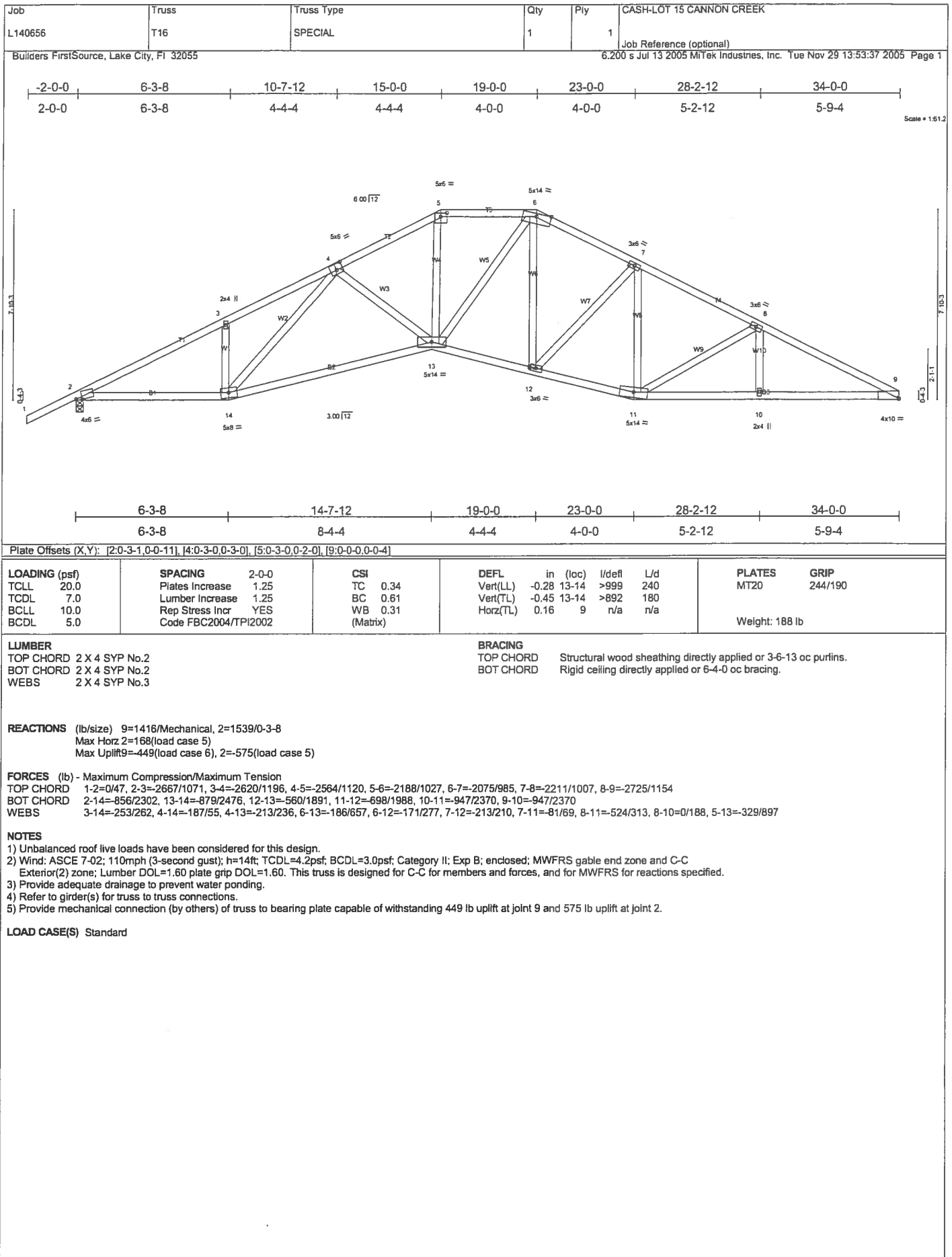
WEBS 3-13=0/95, 3-12=-479/1180, 4-12=-297/244, 5-12=-352/131, 5-10=0/181, 5-9=-524/225, 6-9=-340/248, 7-9=-578/1445, 3-14=-1830/773

NOTES

- 1) Wind: ASCE 7-02: 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 418 lb uplift at joint 8, 211 lb uplift at joint 2 and 665 lb uplift at joint 14.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T17	SPECIAL	3	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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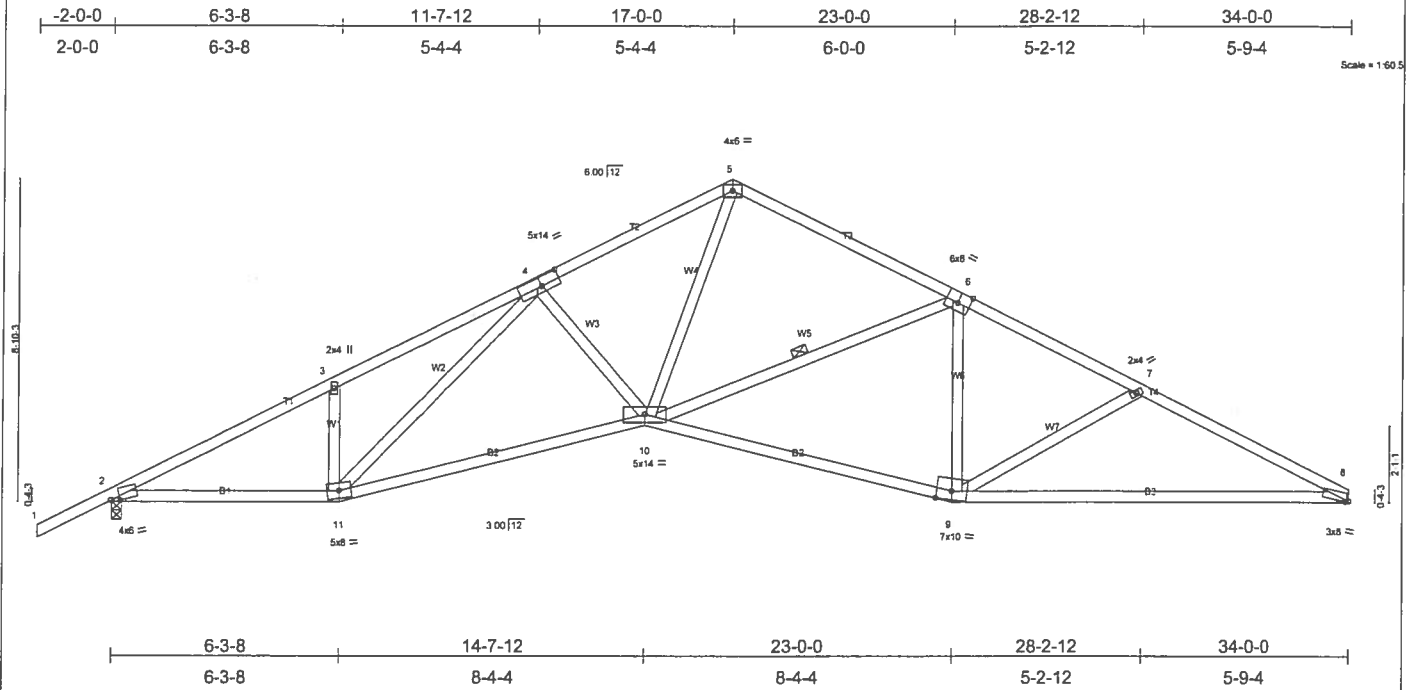


Plate Offsets (X,Y): [2.0-3.1.0-0-11], [4.0-6.4.0-3-0], [6.0-4.0-Edge], [8.0-0-13,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.57	Vert(LL)	-0.43	8-9	>939	240	
TCDL 7.0	Lumber Increase	1.25	BC 0.87	Vert(TL)	-0.73	8-9	>557	180	
BCLL 10.0	Rep Stress Incr	YES	WB 0.57	Horz(TL)	0.16	8	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 173 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-1-8 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-2-15 oc bracing.
 WEBS 1 Row at midpt 6-10

REACTIONS (lb/size) 2=1539/0-3-8, 8=1416/Mechanical

Max Horz 2=182(load case 5)

Max Uplift 2=586(load case 5), 8=460(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=2671/1094, 3-4=2635/1233, 4-5=2557/1164, 5-6=1913/890, 6-7=2264/1023, 7-8=2590/1177

BOT CHORD 2-11=878/2307, 10-11=873/2469, 9-10=720/2053, 8-9=965/2278

WEBS 3-11=275/289, 4-11=151/40, 4-10=285/275, 6-10=456/297, 6-9=0/86, 7-9=359/309, 5-10=695/1710

NOTES

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

3) Refer to girder(s) for truss to truss connections.

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 586 lb uplift at joint 2 and 460 lb uplift at joint 8.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T18	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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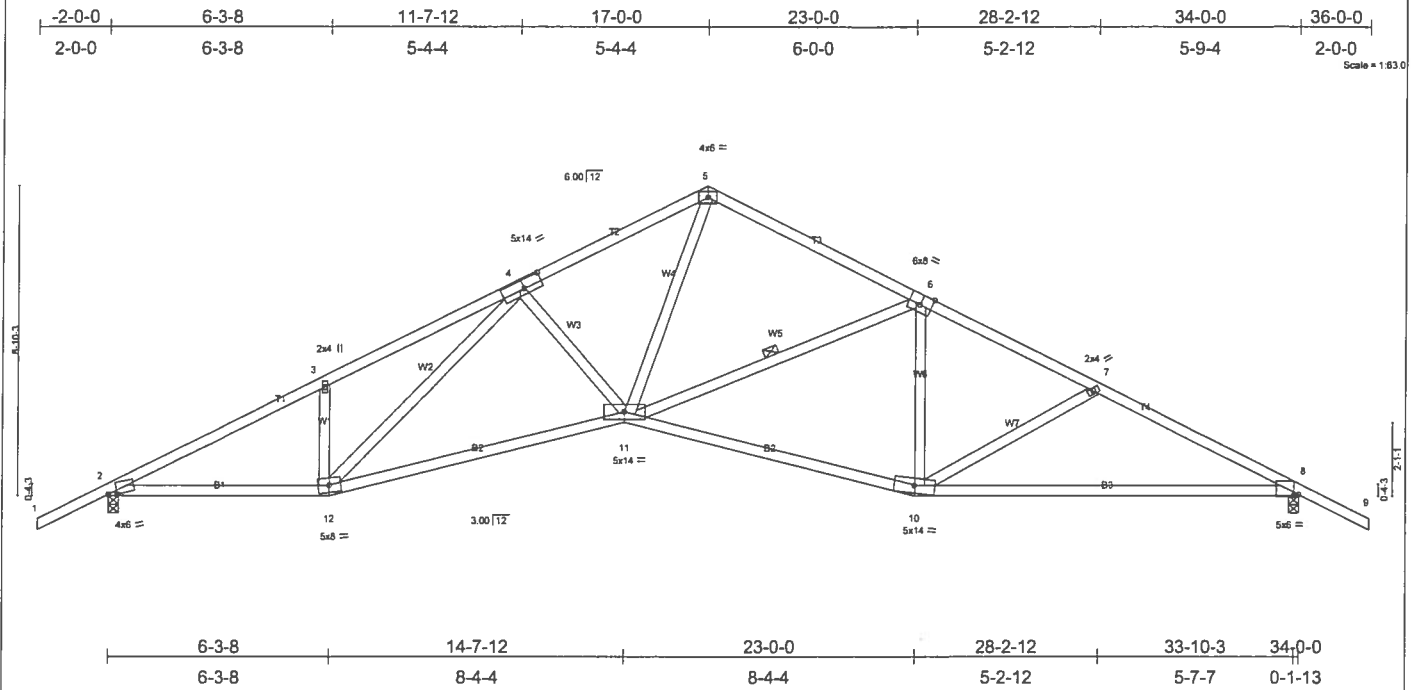


Plate Offsets (X,Y): [2:0-3-0,0-0-11], [4:0-6-4,0-3-0], [6:0-4-0,Edge], [8:0-1-10,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.46	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.83	Vert(LL) -0.38 8-10 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.54	Vert(TL) -0.65 8-10 >622 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.16 2 n/a n/a		
	Code FBC2004/TPI2002			Weight: 176 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-4-13 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-11-12 oc bracing.
 WEBS 1 Row at midpt 6-11

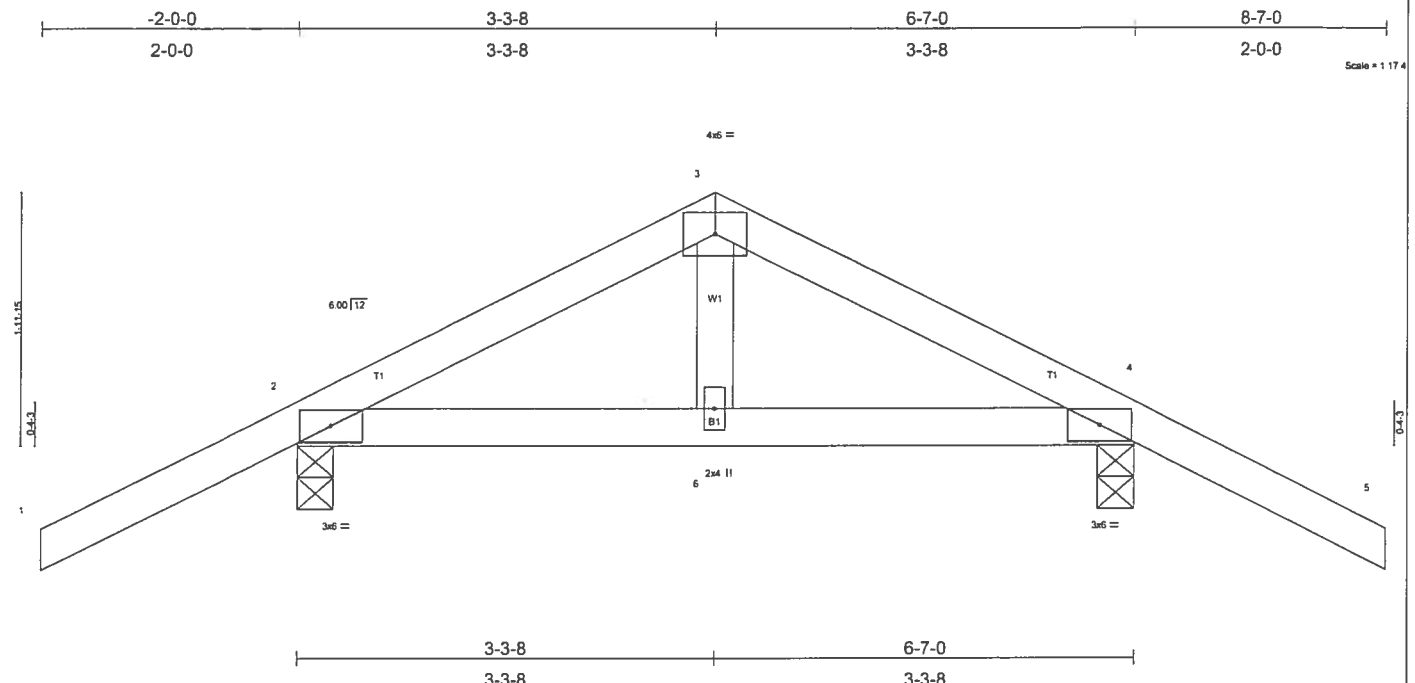
REACTIONS (lb/size) 2=1532/0-3-8, 8=1532/0-3-8
 Max Horz 8=157(load case 5)
 Max Uplift 2=584(load case 5), 8=584(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-2654/1076, 3-4=-2617/1216, 4-5=-2535/1108, 5-6=-1898/850, 6-7=-2226/981, 7-8=-2524/1106, 8-9=0/47
 BOT CHORD 2-12=-784/2291, 11-12=-750/2450, 10-11=-605/2020, 8-10=-809/2205
 WEBS 3-12=-274/289, 4-12=-147/42, 4-11=-286/292, 6-11=-437/283, 6-10=-23/84, 7-10=-315/259, 5-11=-651/1694

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 584 lb uplift at joint 2 and 584 lb uplift at joint 8.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T19	COMMON	3	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Nov 29 13:53:39 2005 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.29	Vert(LL) 0.01	2-6 >999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.09	Vert(TL) 0.01	2-6 >999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.04	Horz(TL) 0.00	4 n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)				Weight: 30 lb	

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

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

REACTIONS (lb/size) 2=380/0-3-8, 4=380/0-3-8
 Max Horz 2=-61(load case 6)
 Max Uplift 2=-302(load case 5), 4=-302(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-275/320, 3-4=-275/320, 4-5=0/47
 BOT CHORD 2-6=-116/191, 4-6=-116/191
 WEBS 3-6=-216/114

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 302 lb uplift at joint 2 and 302 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CASH-LOT 15 CANNON CREEK
L140656	T19G	COMMON	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Nov 29 13:53:40 2005 Page 1		

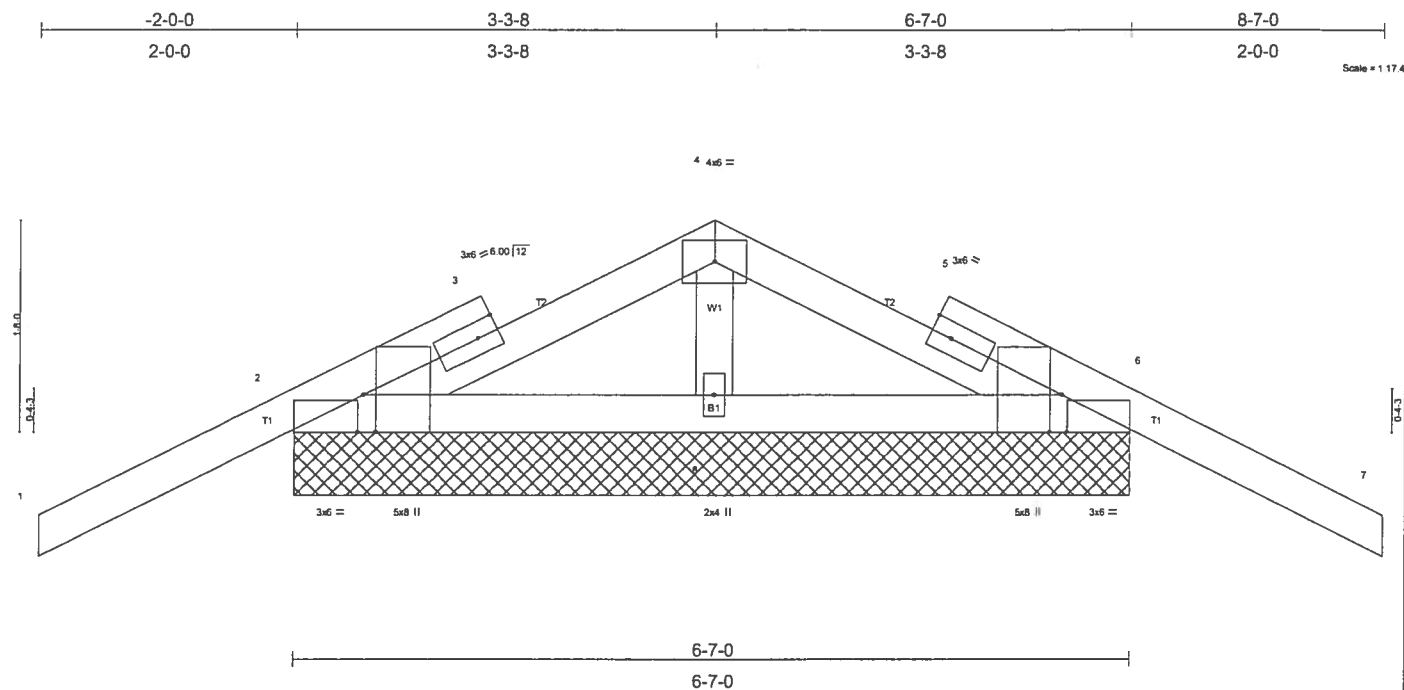


Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-8,Edge], [6:0-3-8,Edge], [6:0-0-8,Edge]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc) l/defl L/d
TCLL 20.0	Plates Increase	1.25	TC 0.30	Vert(LL)	-0.02 7 n/r 120
TCDL 7.0	Lumber Increase	1.25	BC 0.08	Vert(TL)	-0.03 7 n/r 90
BCCL 10.0	Rep Stress Incr	NO	WB 0.02	Horz(TL)	0.00 6 n/a n/a
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)		
					Weight: 32 lb

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-7-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=250/6-7-0, 6=250/6-7-0, 8=269/6-7-0
Max Horz 2=-57(load case 6)
Max Uplift 2=209(load case 5), 6=-217(load case 6), 8=-18(load case 5)
Max Grav 2=256(load case 9), 6=256(load case 10), 8=269(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-10/33, 3-4=0/61, 4-5=0/61, 5-6=-10/33, 6-7=0/47
BOT CHORD 2-8=-40/97, 6-8=-40/97
WEBS 4-8=-145/58

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 209 lb uplift at joint 2, 217 lb uplift at joint 6 and 18 lb uplift at joint 8.

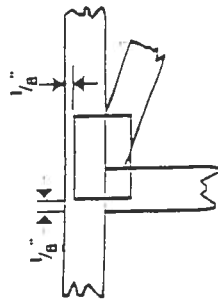
LOAD CASE(S) Standard

Symbols

PLATE LOCATION AND ORIENTATION



- Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seal.



- For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

- This symbol indicates the required direction of slots in connector plates.



PLATE SIZE

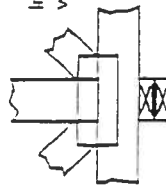
4 X 4
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



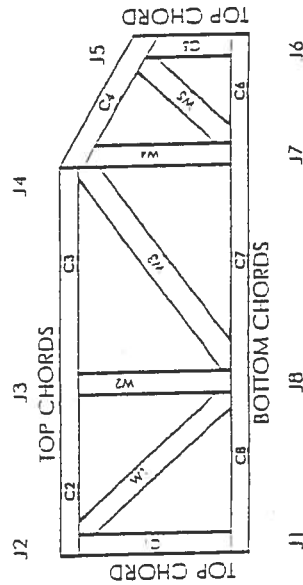
Indicates location of required continuous lateral bracing.

BEARING



Indicates location of joints at which bearings (supports) occur.

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 96-67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/DILLIR	960022-W, 970036-W
IER	561



MITek Engineering Reference Sheet: MIT-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

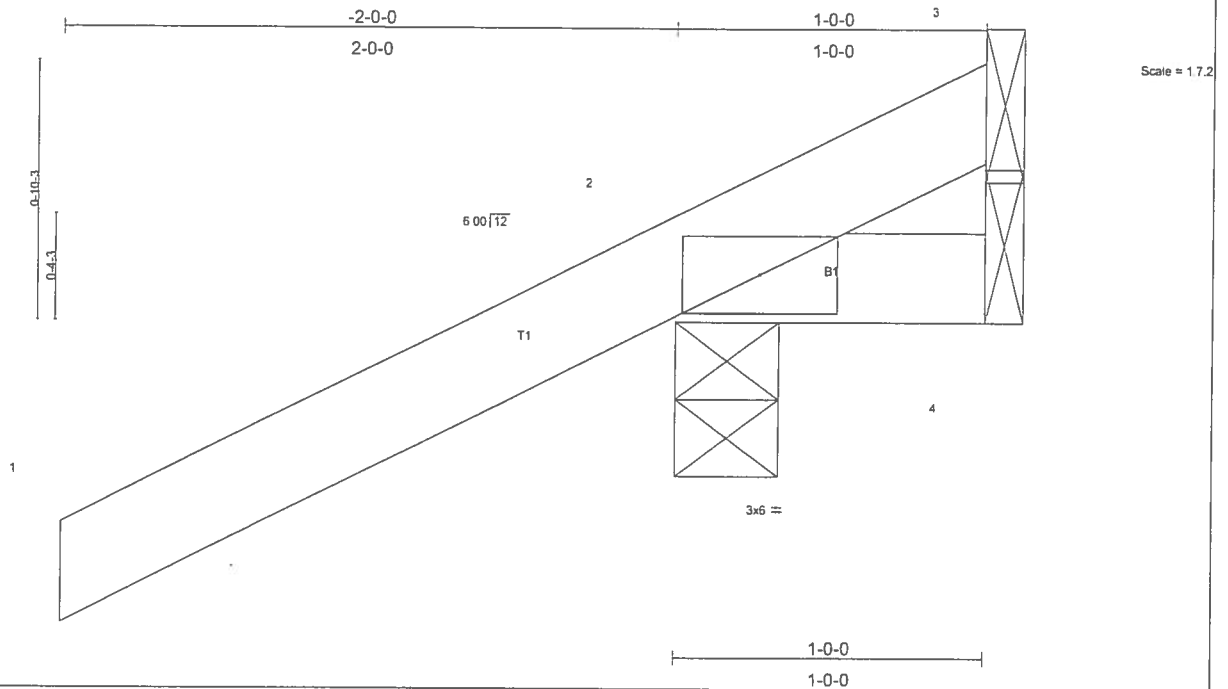
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear lightly against each other.
- Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
- Unless otherwise noted, locate chord splices at 1/4 panel length ($\pm 6"$ from adjacent joint).
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size and location dimensions shown indicate minimum plating requirements.
- Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
- Top chords must be sheathed or purlins provided at spacing shown on design.
- Bottom chords require lateral bracing at 10 ft spacing, or less, if no ceiling is installed, unless otherwise noted.
- Anchorage and / or load transferring connections to trusses are the responsibility of others unless shown.
- Do not overload roof or floor trusses with stacks of construction materials.
- Do not cut or alter truss member or plate without prior approval of a professional engineer.
- Care should be exercised in handling, erection and installation of trusses.

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24-45-16-03114-115

MAY 03 2006

Job	Truss	Truss Type	Qty	Ply	MIKE CONNER-LOT 15 CANNON CREEK
L140656	CJ1	JACK	12	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:26:43 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.28	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.01	Vert(LL) -0.00 2 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.00 2 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 3 n/a n/a		
	Code FBC2004/TPI2002			Weight: 7 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=267/0-4-0, 4=14/Mechanical, 3=91/Mechanical
 Max Horz 2=87(load case 5)
 Max Uplift 2=287(load case 5), 4=9(load case 3), 3=91(load case 1)
 Max Grav 2=267(load case 1), 4=14(load case 1), 3=128(load case 5)

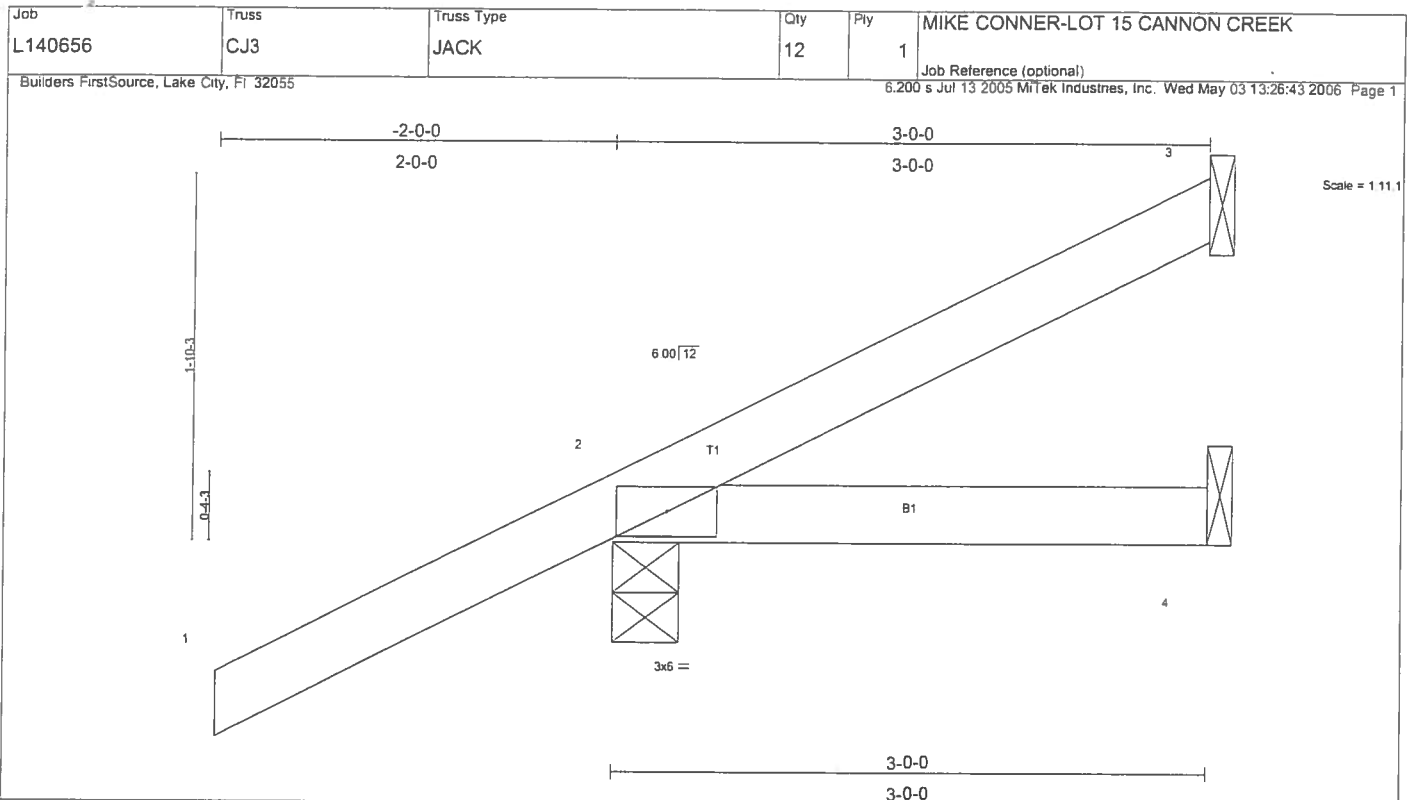
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=69/76
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 287 lb uplift at joint 2, 9 lb uplift at joint 4 and 91 lb uplift at joint 3.

LOAD CASE(S) Standard



LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	Vert(LL)	0.01	2-4	>999	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.08	Vert(TL)	0.01	2-4	>999		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 13 lb	

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

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

REACTIONS (lb/size) 3=29/Mechanical, 2=279/0-4-0, 4=42/Mechanical
 Max Horz 2=132(load case 5)
 Max Uplift 3=-27(load case 6), 2=-240(load case 5), 4=-26(load case 3)

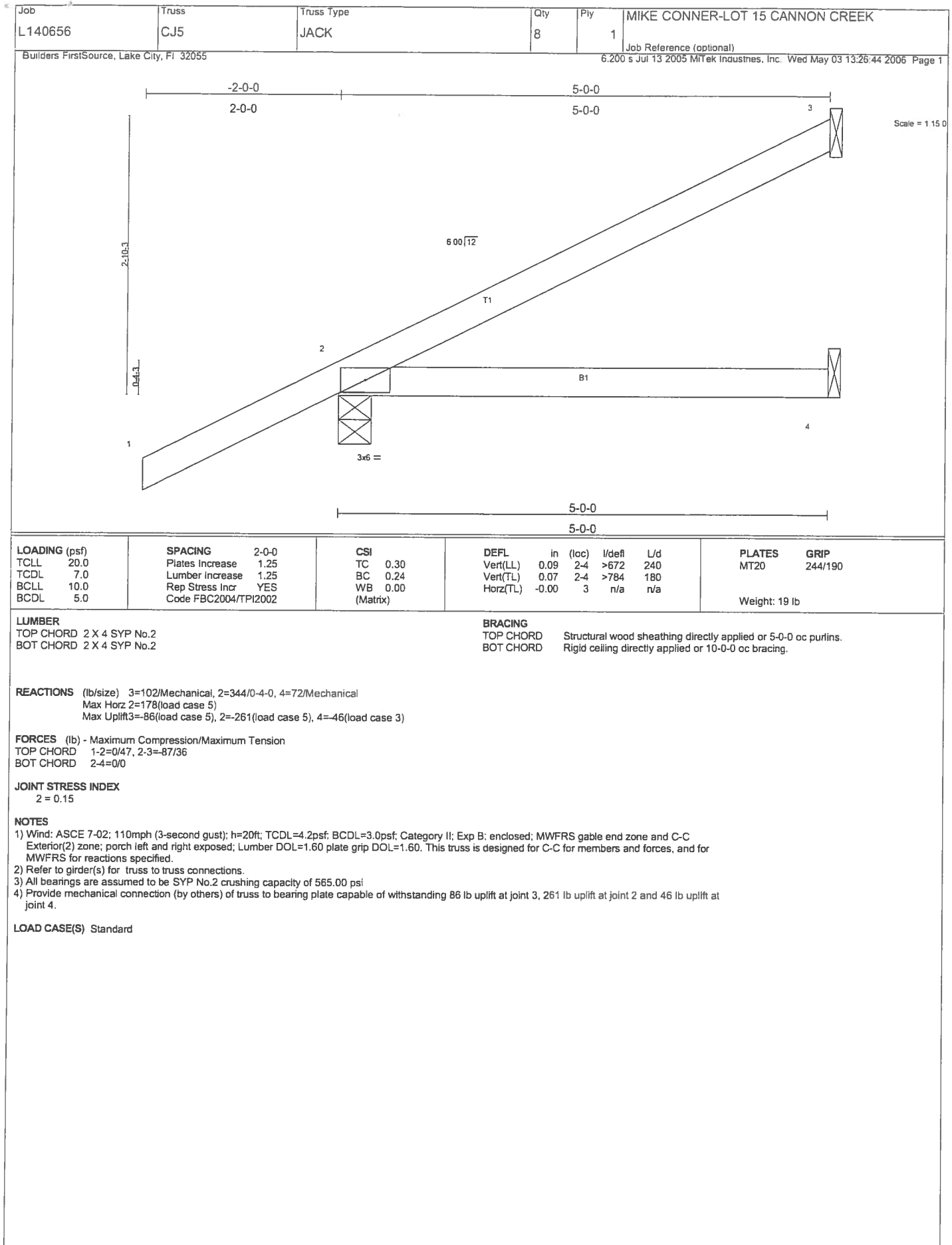
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-58/7
 BOT CHORD 2-4=0/0

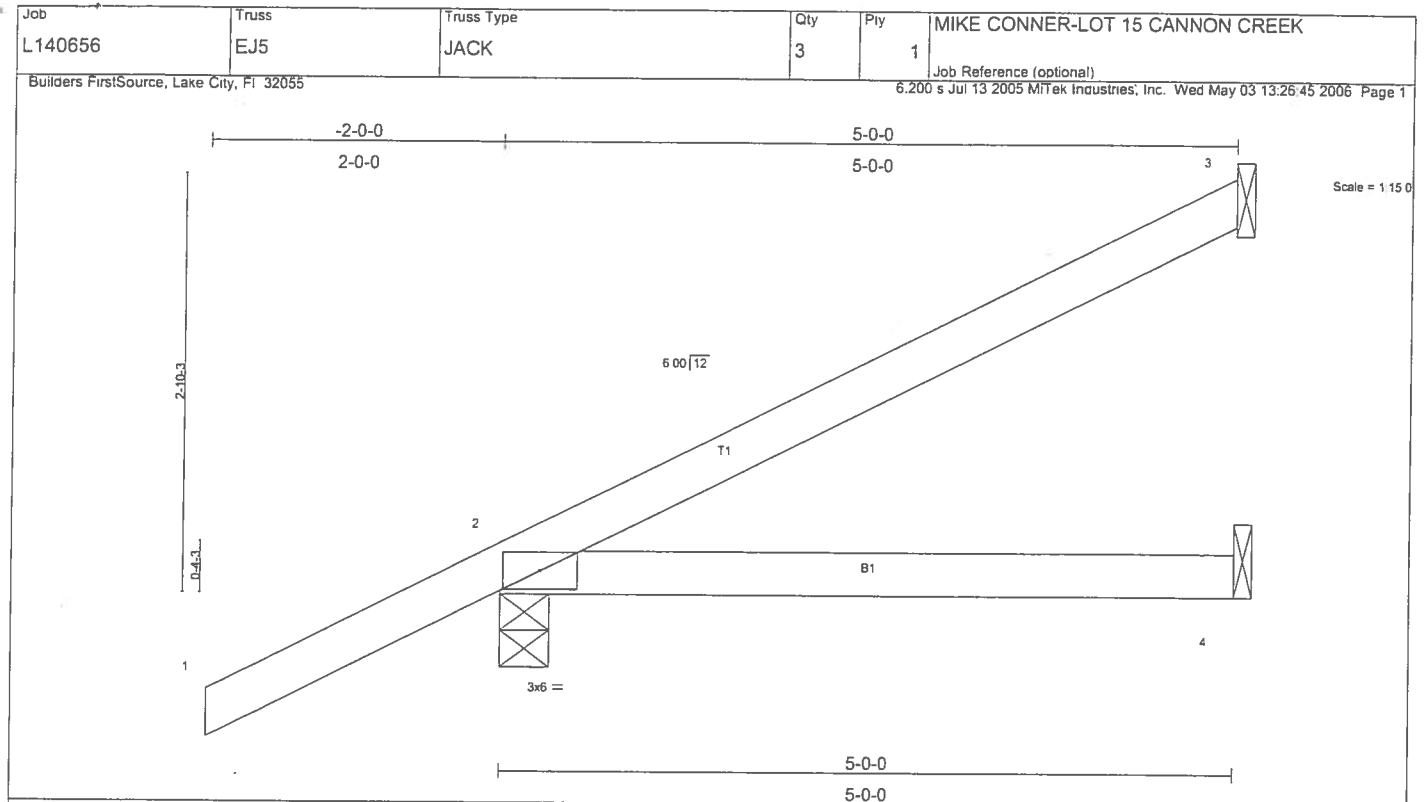
JOINT STRESS INDEX
 2 = 0.13

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 3, 240 lb uplift at joint 2 and 26 lb uplift at joint 4.

LOAD CASE(S) Standard





LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.16	Vert(LL) -0.03 2-4 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.05 2-4 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TPI2002			Weight: 19 lb	

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

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

REACTIONS (lb/size) 3=102/Mechanical, 2=344/0-4-0, 4=72/Mechanical
 Max Horz 2=178(load case 5)
 Max Uplift 3=-86(load case 5), 2=-201(load case 5)

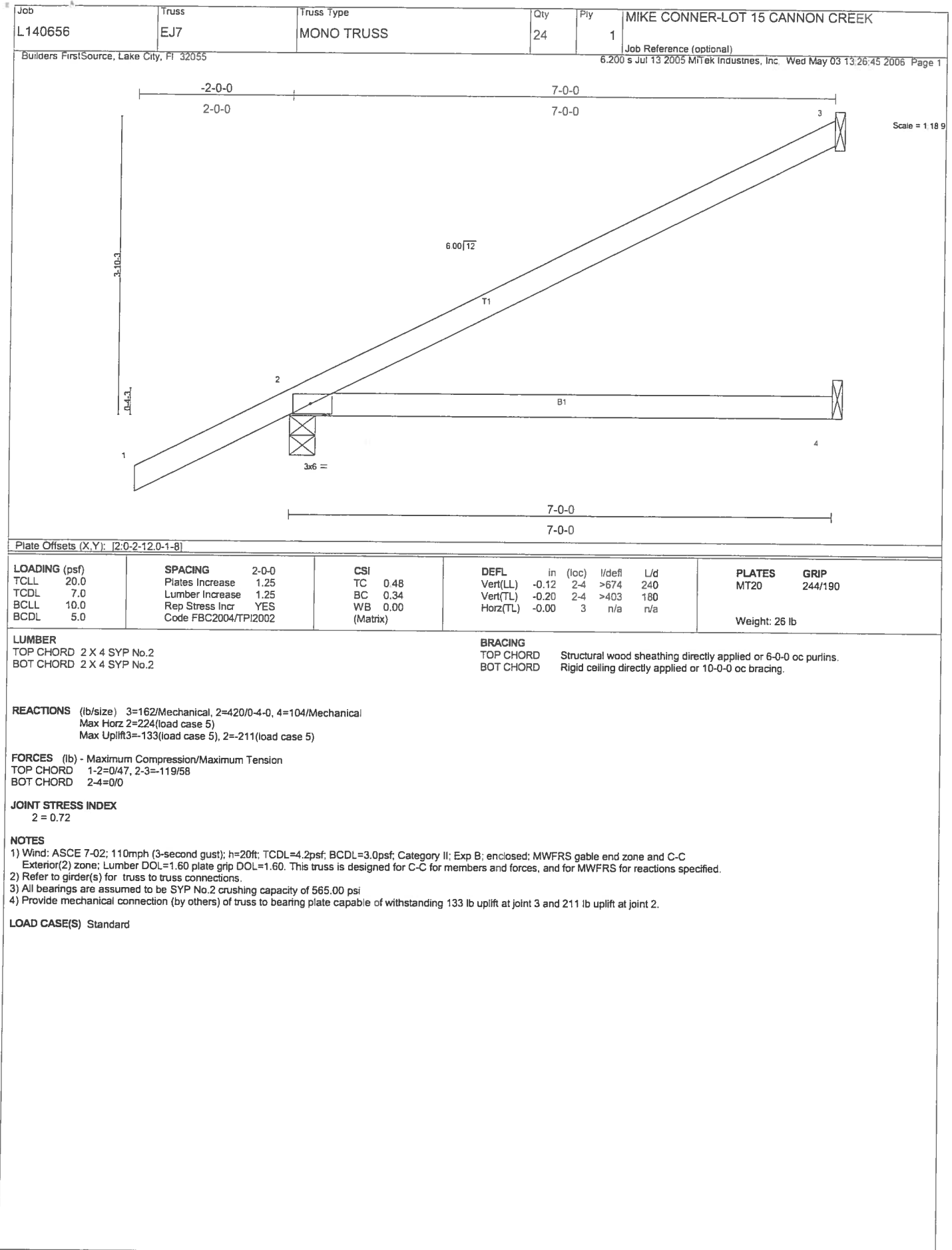
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-87/36
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.15

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft, TCDL=4.2psf, BCDL=3.0psf, Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 3 and 201 lb uplift at joint 2.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	MIKE CONNER-LOT 15 CANNON CREEK
L140656	EJ7A	COMMON	3	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:26:46 2006 Page 1		

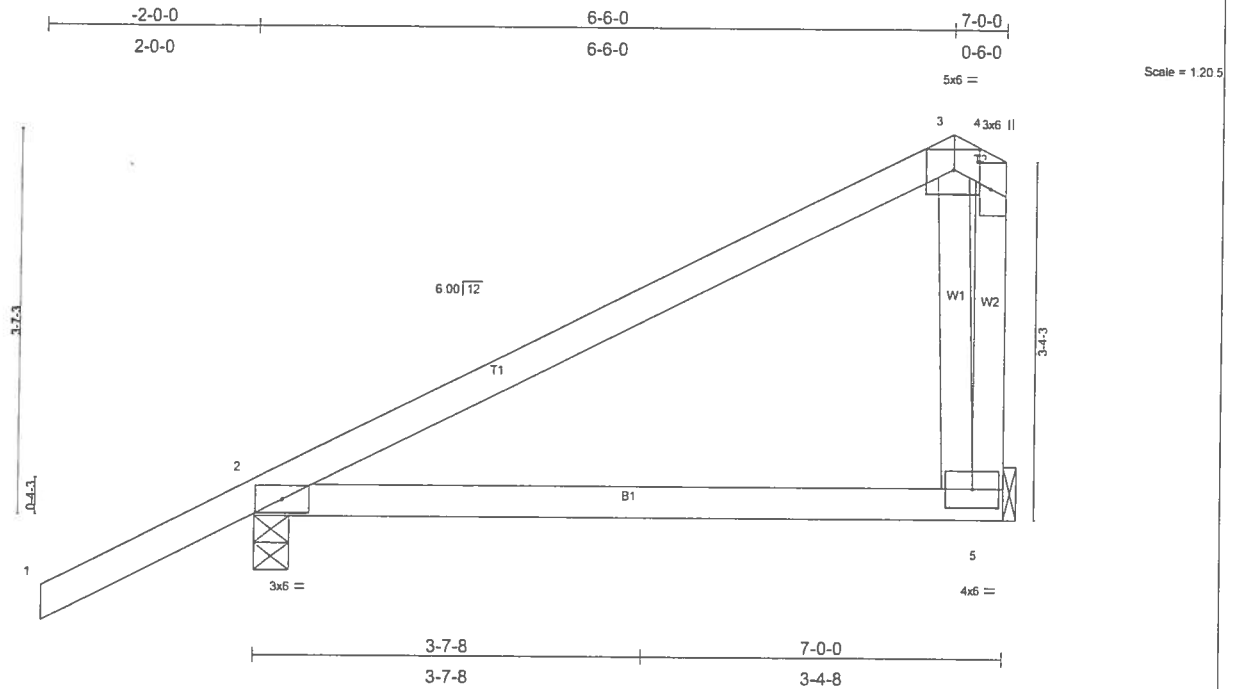


Plate Offsets (X,Y): [3:0-2-15:0-2-5], [4:0-3-0:0-1-5]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCCL 20.0	2-0-0	TC 0.51	Vert(LL)	-0.05	2-5	>999	240	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.17	Vert(TL)	-0.09	2-5	>885	180		
BCCL 10.0	Lumber Increase 1.25	WB 0.15	Horz(TL)	0.00	5	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002								
								Weight: 35 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 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) 2=417/0-4-0, 5=262/Mechanical

Max Horz 2=208/(load case 5)

Max Uplift 2=217/(load case 5), 5=112/(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=193/4, 3-4=160/65, 4-5=395/260

BOT CHORD 2-5=83/107

WEBS 3-5=404/596

JOINT STRESS INDEX

2 = 0.40, 3 = 0.78, 4 = 0.38 and 5 = 0.77

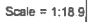
NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B: enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Refer to girder(s) for truss to truss connections.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 217 lb uplift at joint 2 and 112 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	MIKE CONNER-LOT 15 CANNON CREEK
L140656	EJ7T	SPECIAL	7	1	Job Reference (optional)

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.30	Vert(LL) 0.06 7-8 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.29	Vert(TL) -0.08 7-8 >974 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.08	Horz(TL) 0.04 6 n/a n/a		
BCDL 5.0	Code FBC2004/TP/2002	(Matrix)		Weight: 33 lb	

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

REACTIONS (lb/size) 5=110/Mechanical, 2=420/0-4-0, 6=156/Mechanical
Max Horz 2=224(load case 5)
Max Uplift5=85(load case 5), 2=-211(load case 5), 6=-40(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=495/109, 3-4=484/144, 4-5=69/41
BOT CHORD 2-9=-263/404, 8-9=-234/421, 7-8=-242/338, 6-7=0/0
WEBS 3-9=124/91, 4-8=43/254, 4-7=-349/250

JOINT STRESS INDEX
2 = 0.48, 3 = 0.05, 4 = 0.19, 7 = 0.10, 8 = 0.62 and 9 = 0.62

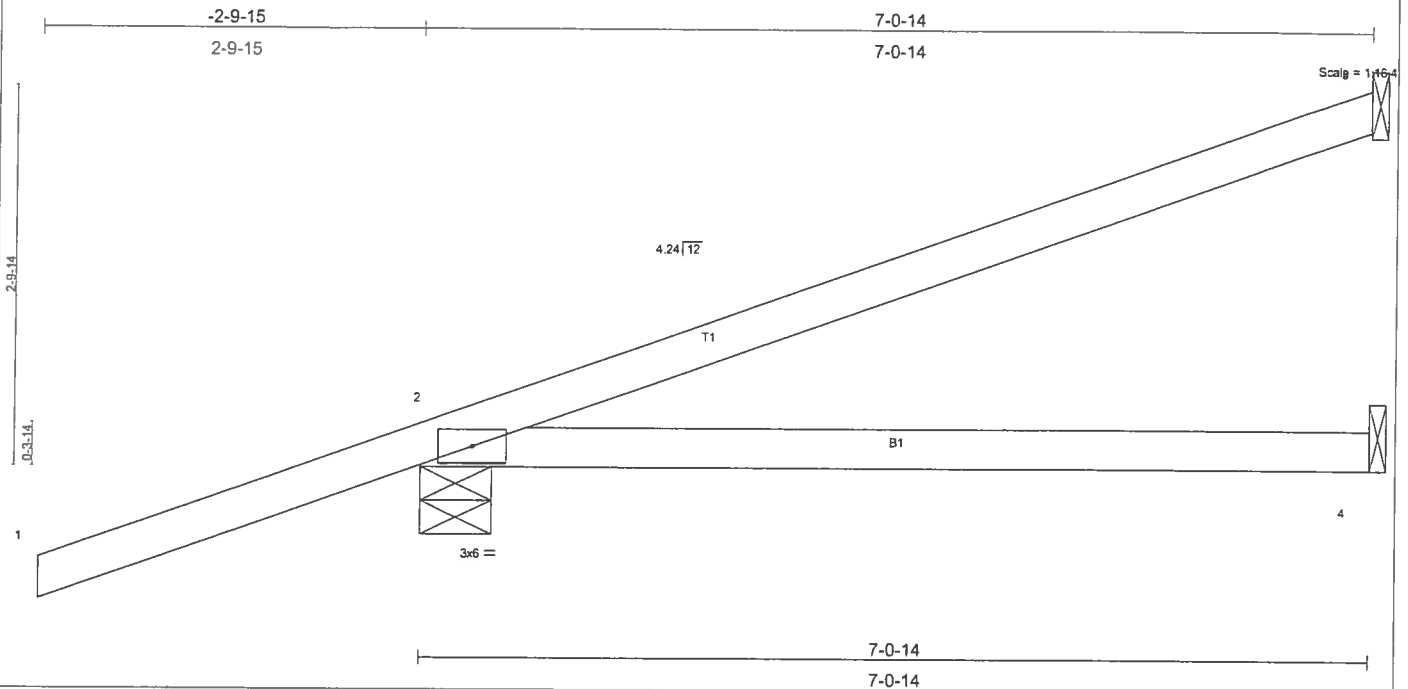
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 85 lb uplift at joint 5, 211 lb uplift at joint 2 and 40 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L140656	Truss HJ7	Truss Type MONO TRUSS	Qty 2	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

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LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.55	Vert(LL)	-0.07	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.27	Vert(TL)	-0.13	2-4	>645	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)							
	Code FBC2004/TP12002								
									Weight: 26 lb

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 7-0-14 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

REACTIONS (lb/size) 3=190/Mechanical, 2=381/0-6-7, 4=109/Mechanical
 Max Horz 2=168(load case 2)
 Max Uplift 3=143(load case 2), 2=254(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/50, 2-3=-68/45
 BOT CHORD 2-4=0/0

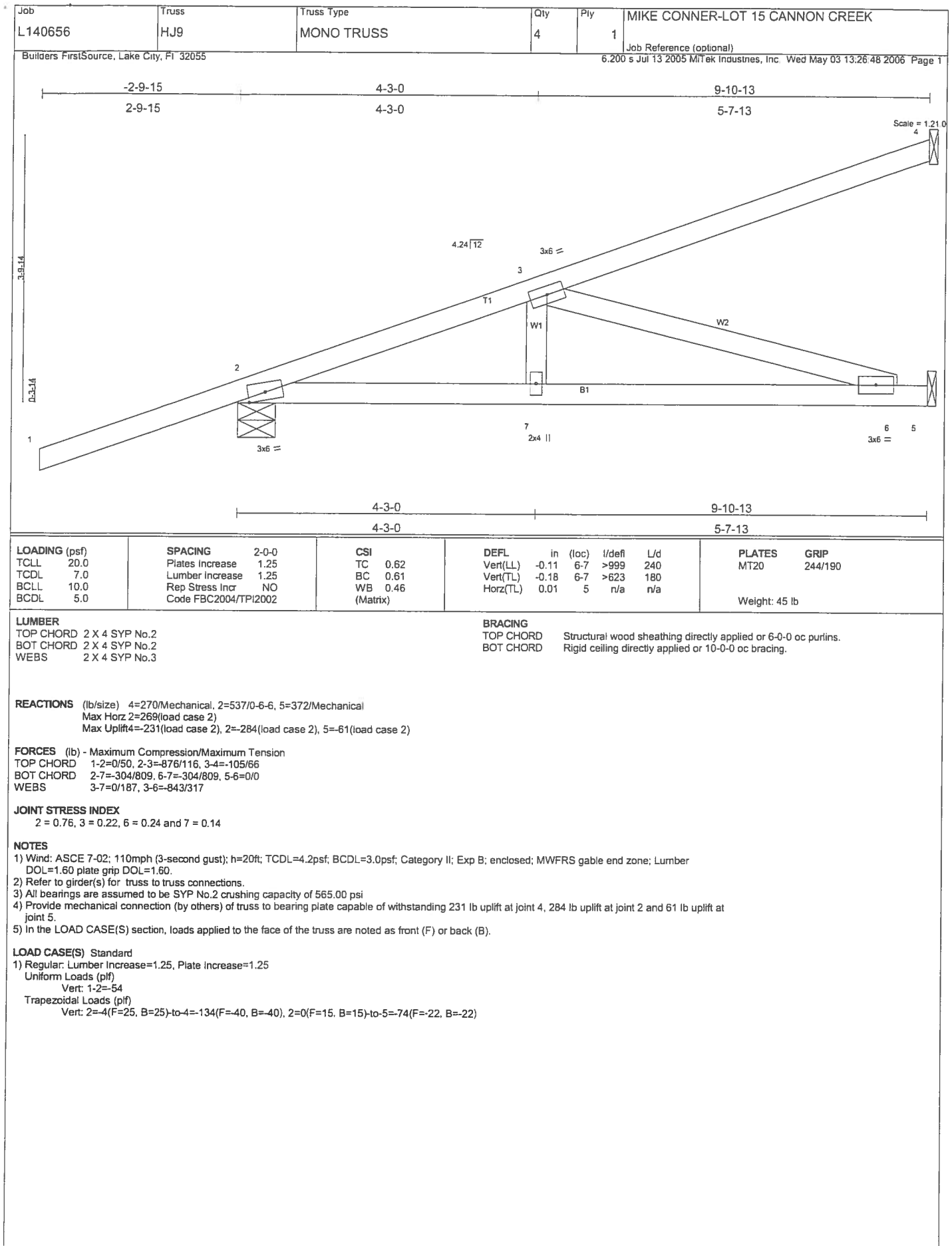
JOINT STRESS INDEX
 2 = 0.45

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 143 lb uplift at joint 3 and 254 lb uplift at joint 2.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54
 Trapezoidal Loads (plf)
 Vert: 2=4(F=25, B=25)-to-3=-95(F=-21, B=-21), 2=0(F=15, B=15)-to-4=-53(F=-12, B=-12)



Job L140656	Truss T01	Truss Type HIP	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 03 13:26:49 2006 Page 1		

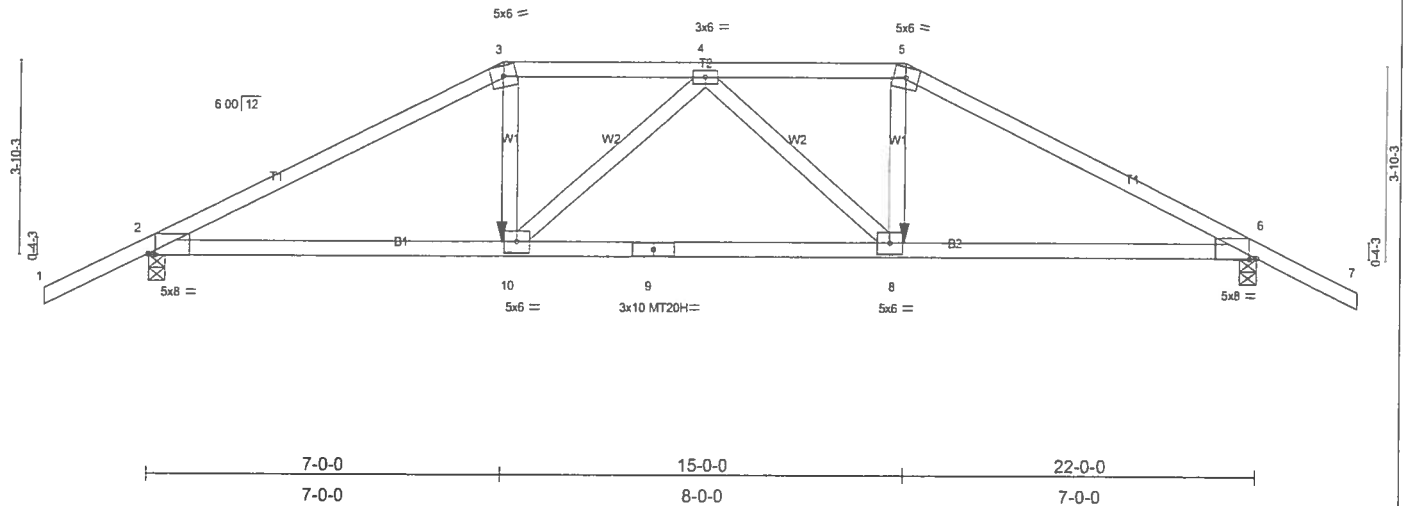


Plate Offsets (X,Y) [2-0-1-11.Edge], [16-0-1-11.Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.53	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.81	Vert(LL) -0.29 8-10 >903 240	MT20H	187/143
BCLL 10.0	Lumber Increase 1.25	WB 0.39	Vert(TL) -0.48 8-10 >542 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.10 6 n/a n/a		
	Code FBC2004/TP12002			Weight: 99 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-11-13 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 5-8-5 oc bracing.

REACTIONS

(lb/size) 2=1953/0-4-0, 6=1953/0-4-0
 Max Horz 2=87(load case 4)
 Max Uplift 2=875(load case 4), 6=875(load case 5)

FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-3538/1398, 3-4=-3115/1323, 4-5=-3115/1323, 5-6=-3538/1398, 6-7=0/47
 BOT CHORD 2-10=-1196/3067, 9-10=-1396/3337, 8-9=-1396/3337, 6-8=-1155/3067
 WEBS 3-10=-422/1204, 4-10=-414/343, 4-8=-414/343, 5-8=-422/1204

JOINT STRESS INDEX

2 = 0.80, 3 = 0.76, 4 = 0.36, 5 = 0.76, 6 = 0.80, 8 = 0.42, 9 = 1.00 and 10 = 0.42

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 875 lb uplift at joint 2 and 875 lb uplift at joint 6.
- Girder carries hip end with 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 15-0-0, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-5=-117(F=-63), 5-7=-54, 2-10=-30, 8-10=-65(F=-35), 6-8=-30

Concentrated Loads (lb)

Vert: 10=-539(F) 8=-539(F)

Job	Truss	Truss Type	Qty	Ply	MIKE CONNER-LOT 15 CANNON CREEK
L140656	T02	HIP	1	1	
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		
			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:26:50 2006 Page 1		

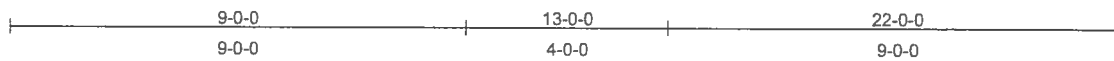
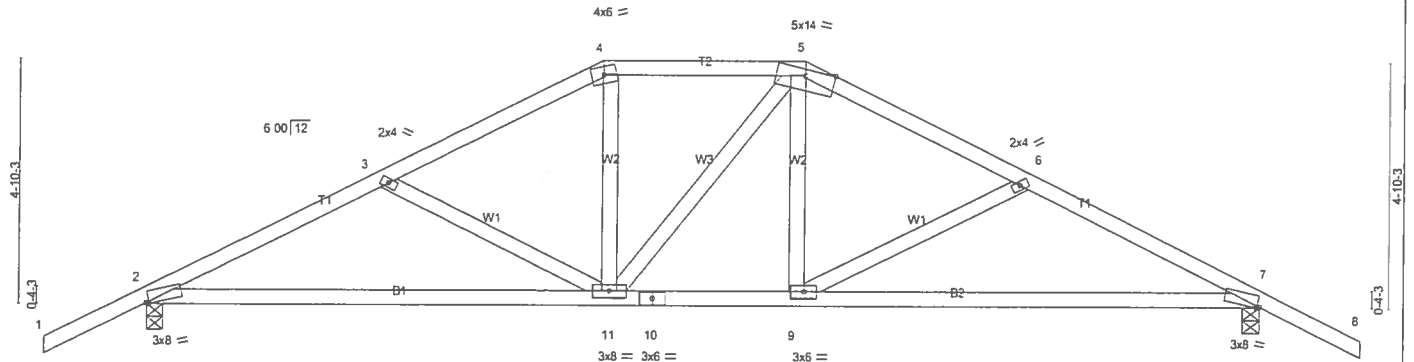
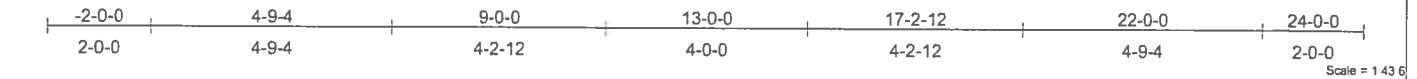


Plate Offsets (X,Y): [2.0-0-10,Edge], [7.0-0-10,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	Vert(LL)	-0.17	7-9	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.45	Vert(TL)	-0.29	7-9	>883	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.12	Horz(TL)	0.04	7	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 111 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-10-5 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-9-11 oc bracing.

REACTIONS

(lb/size) 2=1027/0-4-0, 7=1027/0-4-0
 Max Horz 2=101(load case 6)
 Max Uplift 2=410(load case 5), 7=410(load case 6)

FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1496/630, 3-4=-1241/520, 4-5=-1069/516, 5-6=-1240/520, 6-7=-1496/630, 7-8=0/47
 BOT CHORD 2-11=-399/1296, 10-11=-207/1068, 9-10=-207/1068, 7-9=-399/1296
 WEBS 3-11=-269/219, 4-11=-58/310, 5-11=-100/103, 5-9=-56/311, 6-9=-270/218

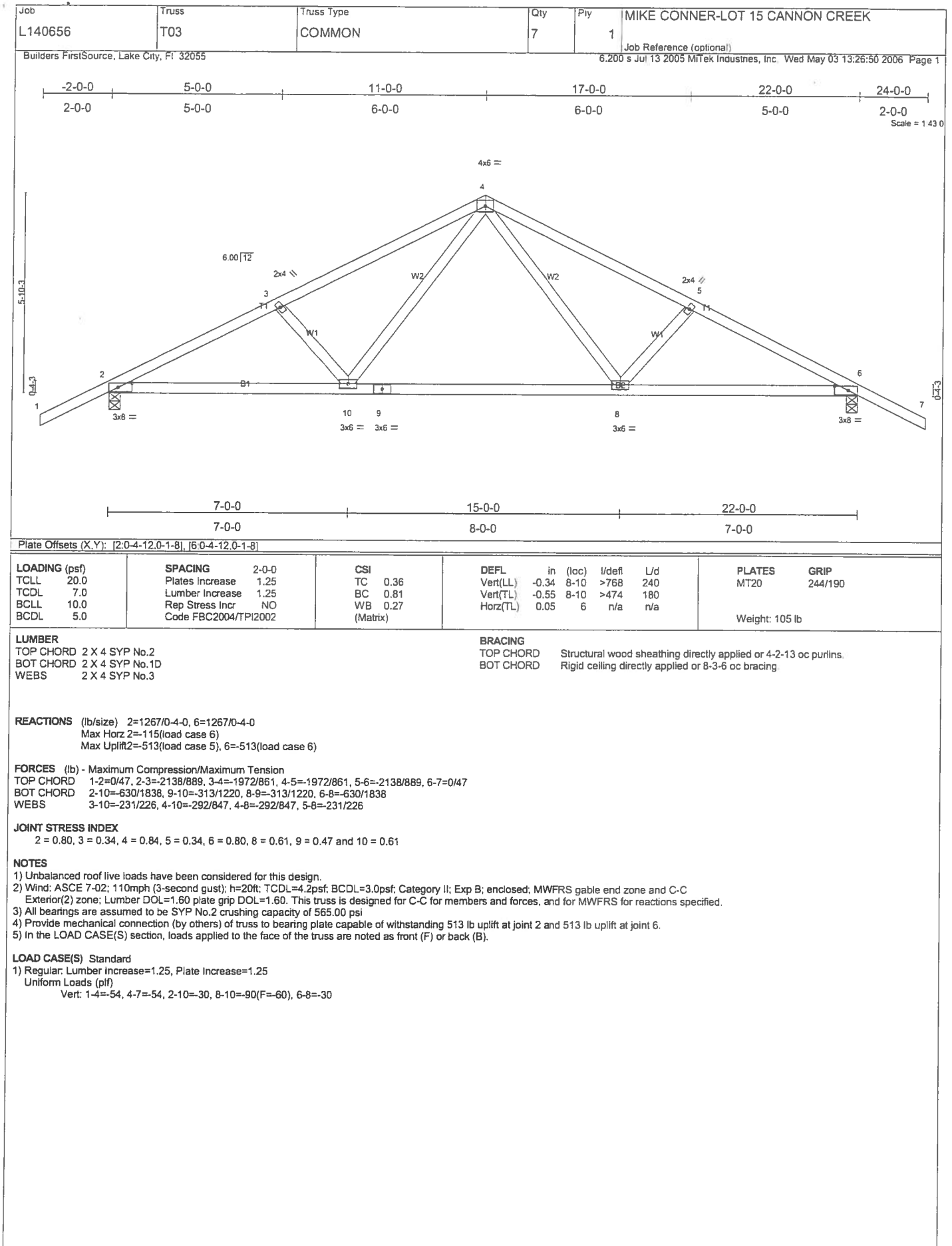
JOINT STRESS INDEX

2 = 0.80, 3 = 0.34, 4 = 0.40, 5 = 0.39, 6 = 0.34, 7 = 0.80, 9 = 0.35, 10 = 0.58 and 11 = 0.57

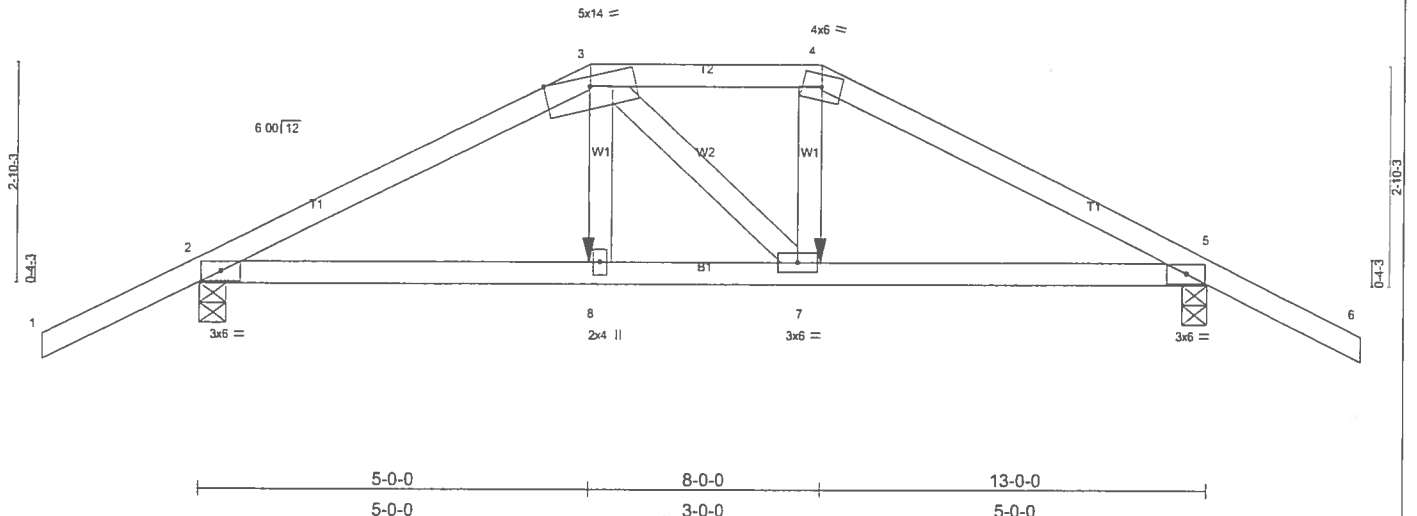
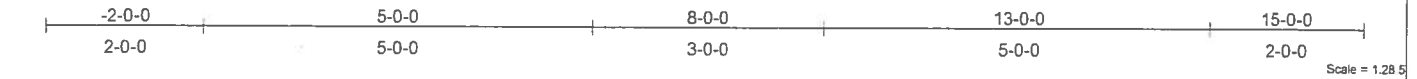
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 410 lb uplift at joint 2 and 410 lb uplift at joint 7.

LOAD CASE(S) Standard



Job L140656	Truss T04	Truss Type HIP	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		
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LOADING (psf)		SPACING 2-0-0		CSI		DEFL		PLATES		GRIP	
TCLL	20.0	Plates Increase	1.25	TC	0.27	in	(loc)	I/def	L/d	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(LL)	-0.04	2-8	>999		
BCLL	10.0	Rep Stress Incr	NO	WB	0.14	Vert(TL)	-0.06	2-8	>999		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Horz(TL)	0.03	5	n/a		
										Weight: 59 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-1-5 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-9-2 oc bracing

REACTIONS (lb/size) 2=975/0-4-0, 5=975/0-4-0
 Max Horz 2=-73(load case 5)
 Max Uplift 2=464(load case 4), 5=464(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1456/535, 3-4=-1258/517, 4-5=-1458/535, 5-6=0/47
 BOT CHORD 2-8=-410/1234, 7-8=-416/1256, 5-7=-397/1236
 WEBS 3-8=-104/387, 3-7=-67/72, 4-7=-119/434

JOINT STRESS INDEX
 2 = 0.65, 3 = 0.42, 4 = 0.43, 5 = 0.66, 7 = 0.28 and 8 = 0.28

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 464 lb uplift at joint 2 and 464 lb uplift at joint 5.
- Girder carries hip end with 5-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 126 lb up at: 8-0-0, and 245 lb down and 126 lb up at 5-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-4=-90(F=-36), 4-6=-54, 2-8=-30, 7-8=-50(F=-20), 5-7=-30
 Concentrated Loads (lb)
 Vert: 8=-245(F) 7=-245(F)

Job L140656	Truss T05	Truss Type HIP	Qty 1	Ply 2	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc Wed May 03 13:26:52 2006 Page 1		

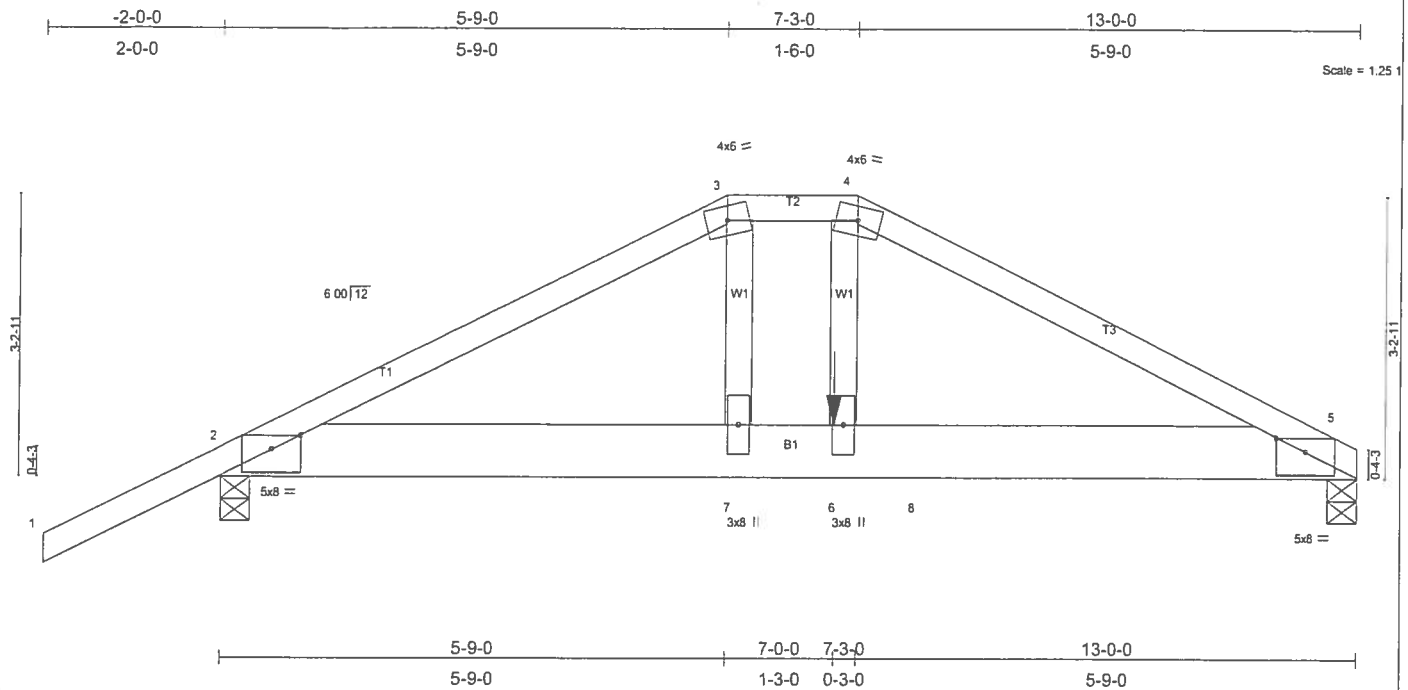


Plate Offsets (X,Y) [2.0-4-0.0-1-15], [5.0-4-0.0-1-15]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.38	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.56	Vert(LL) -0.11 5-6 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.41	Vert(TL) -0.18 5-6 >843 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.02 5 n/a n/a		
	Code FBC2004/TPI2002			Weight: 144 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 8 SYP 2400F 2.0E
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-2-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=4724/0-4-0, 2=2595/0-4-0
 Max Horz 2=111 (load case 4)
 Max Uplift 5=1751 (load case 5), 2=1035 (load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/54, 2-3=5722/2093, 3-4=5186/1953, 4-5=5693/2072
 BOT CHORD 2-7=1799/5071, 6-7=1837/5186, 6-8=1789/5057, 5-8=1789/5057
 WEBS 3-7=815/2286, 4-6=902/2533

JOINT STRESS INDEX
 2 = 0.64, 3 = 0.63, 4 = 0.63, 5 = 0.64, 6 = 0.54 and 7 = 0.54

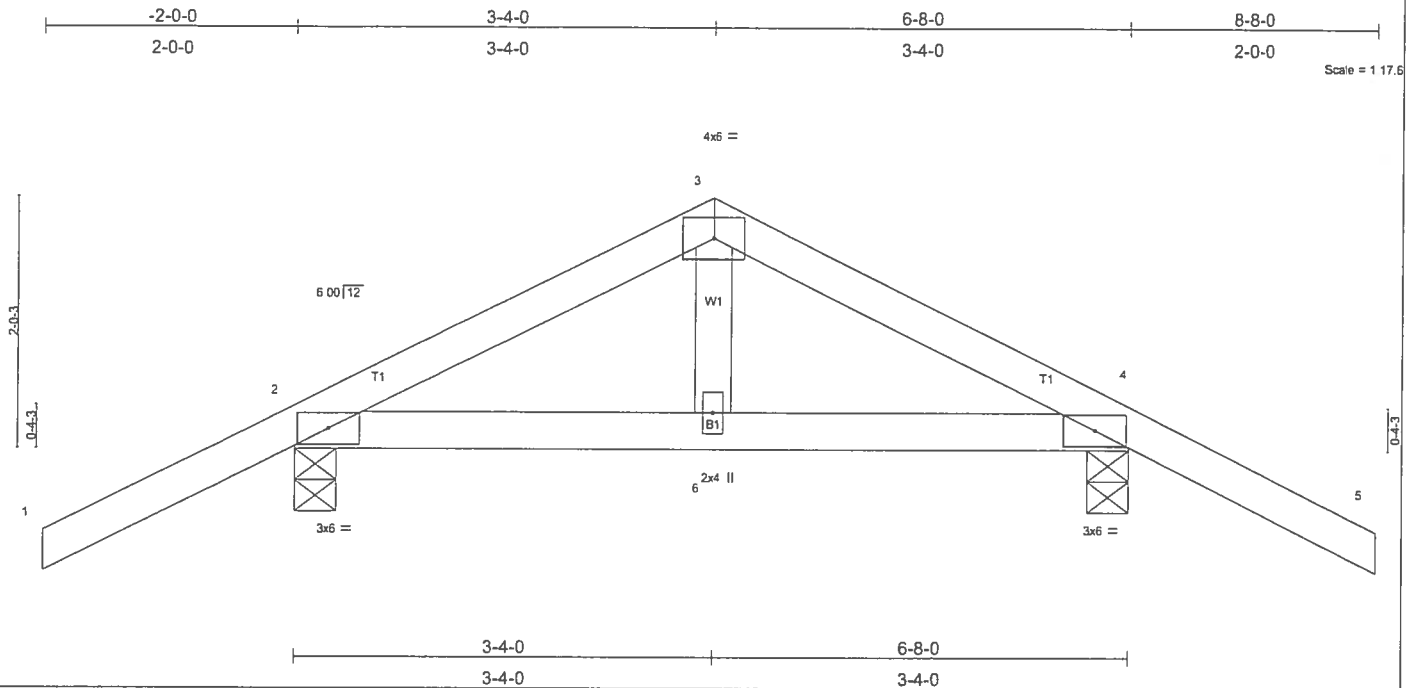
NOTES

- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2924 lb down and 1104 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 6-4 2 X 4 - 1 row at 0-6-0 oc.
 Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2924 lb down and 1104 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1751 lb uplift at joint 5 and 1035 lb uplift at joint 2.
- Girder carries tie-in span(s): 34-0-0 from 8-0-0 to 13-0-0
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2924 lb down and 1104 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-4=-54, 4-5=-54, 2-8=-30, 5-8=-695(F=-665)
 Concentrated Loads (lb)
 Vert: 6=-2924(F)

Job L140656	Truss T06	Truss Type COMMON	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		
			6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 03 13:26:52 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	Vert(LL)	0.01	4-6	>999	240	MT20	244/190
BCDL 7.0	Plates Increase 1.25	BC 0.09	Vert(TL)	0.01	4-6	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.04	Horz(TL)	0.00	4	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 30 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS

(lb/size) 2=383/0-4-0, 4=383/0-4-0
 Max Horz 2=62(load case 5)
 Max Uplift 2=305(load case 5), 4=305(load case 6)

FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=276/320, 3-4=276/320, 4-5=0/47
 BOT CHORD 2-6=-115/191, 4-6=-115/191
 WEBS 3-6=-217/115

JOINT STRESS INDEX

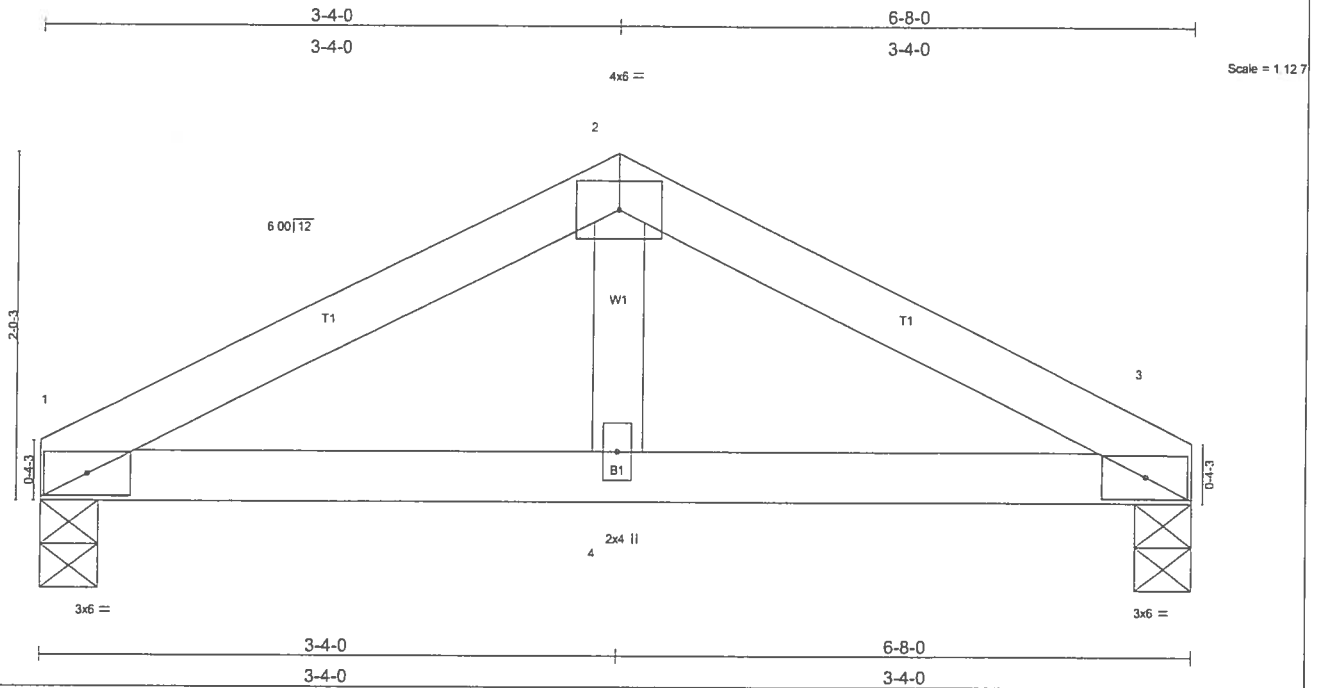
2 = 0.19, 3 = 0.09, 4 = 0.19 and 6 = 0.08

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft, TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 305 lb uplift at joint 2 and 305 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	MIKE CONNER-LOT 15 CANNON CREEK
L140656	T06A	COMMON	2	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:26:53 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.19	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.10	Vert(LL) 0.01 3-4 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.04	Vert(TL) 0.01 3-4 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TPI2002				Weight: 24 lb

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

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

REACTIONS (lb/size) 1=266/0-4-0, 3=266/0-4-0
 Max Horz 1=25(load case 3)
 Max Uplift 1=166(load case 5), 3=166(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=332/425, 2-3=332/425
 BOT CHORD 1-4=313/264, 3-4=313/264
 WEBS 2-4=215/114

JOINT STRESS INDEX
 1 = 0.15, 2 = 0.12, 3 = 0.15 and 4 = 0.08

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 166 lb uplift at joint 1 and 166 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L140656	Truss T06G	Truss Type COMMON	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:26:54 2006 Page 1		

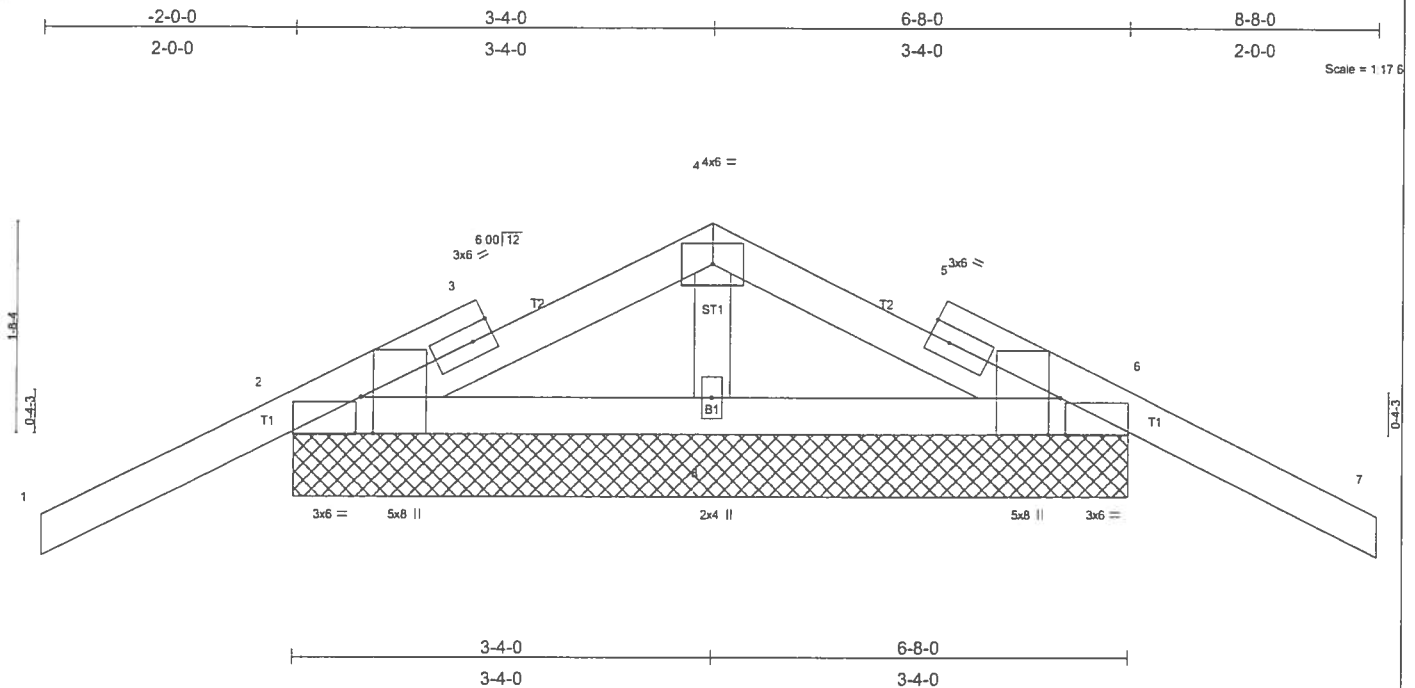


Plate Offsets (X,Y): [2:0-3-8, Edge], [2:0-0-8, Edge], [6:0-3-8, Edge], [6:0-0-8, Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.49	Vert(LL)	-0.03	7	n/r	120	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.14	Vert(TL)	-0.04	7	n/r	90		
BCLL 10.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	0.00	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
										Weight: 33 lb

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

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

REACTIONS (lb/size) 2=646/6-8-0, 6=646/6-8-0, 8=125/6-8-0
 Max Horz 2=57(load case 5)
 Max Uplift 2=352(load case 5), 6=352(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-25/99, 2-3=-397/240, 3-4=-329/230, 4-5=-329/230, 5-6=-397/240, 6-7=-25/99
 BOT CHORD 2-8=-72/294, 6-8=-72/294

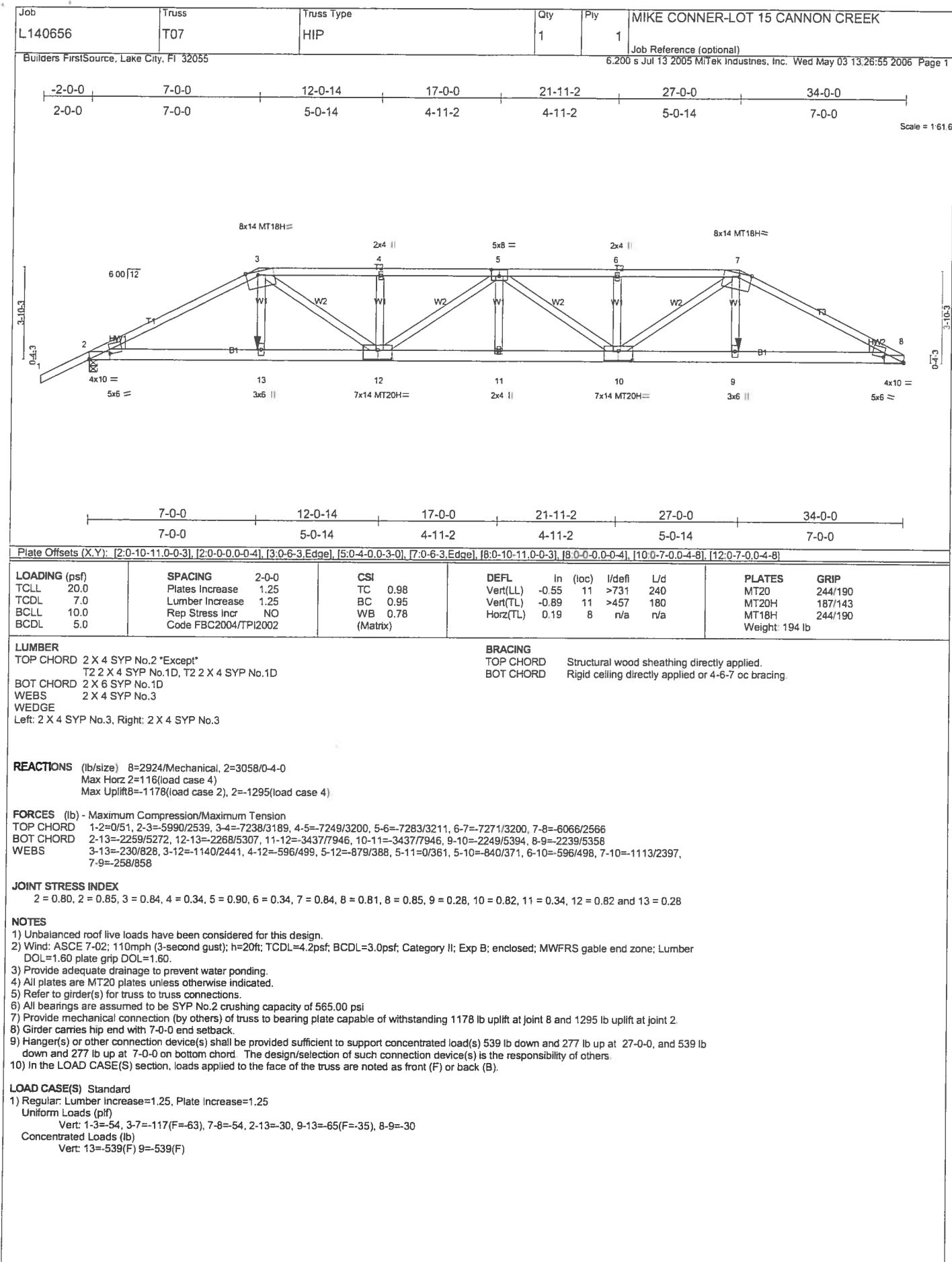
JOINT STRESS INDEX
 2 = 0.65, 2 = 0.00, 3 = 0.00, 3 = 0.39, 4 = 0.07, 5 = 0.00, 5 = 0.39, 6 = 0.65, 6 = 0.00 and 8 = 0.00

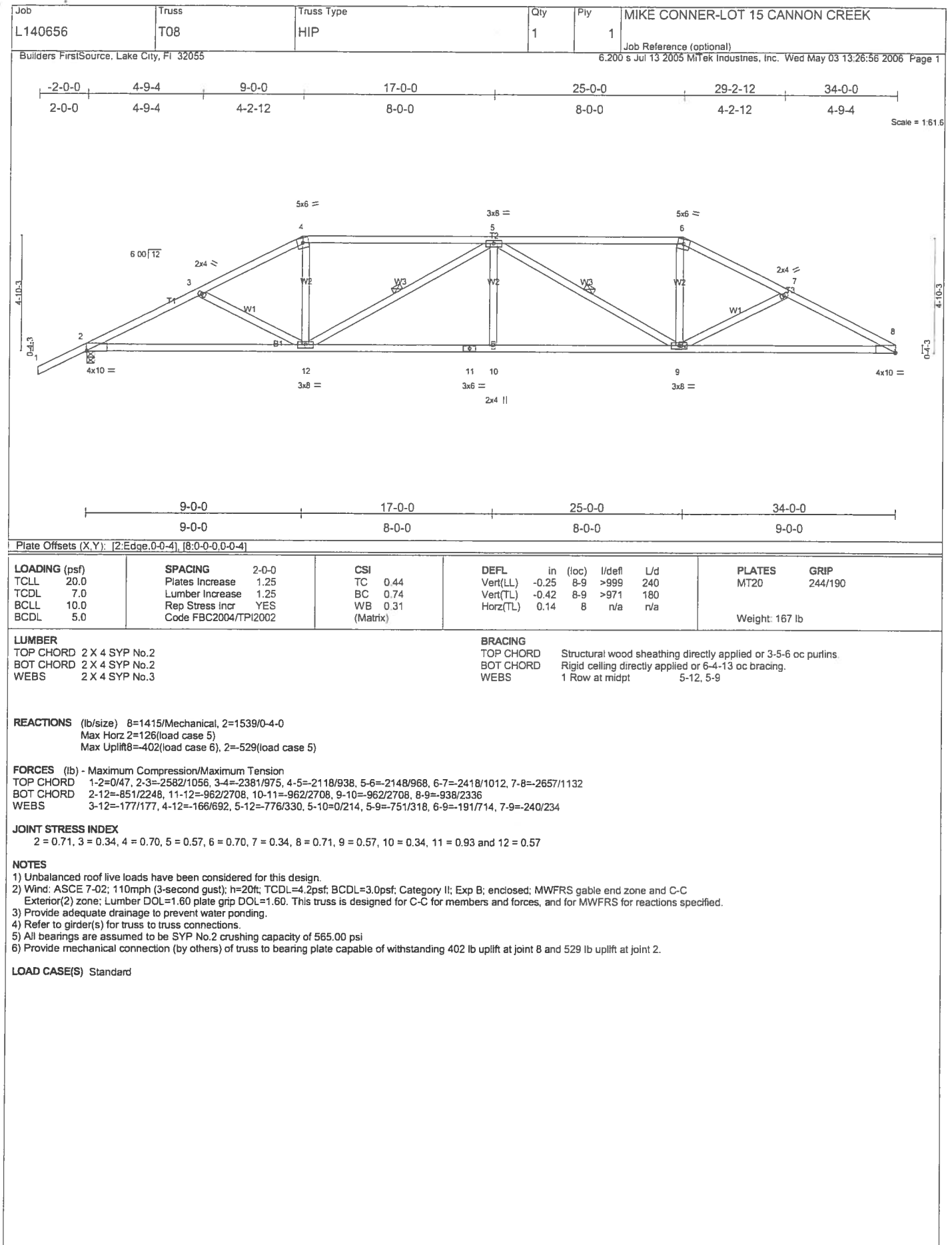
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 352 lb uplift at joint 2 and 352 lb uplift at joint 6.
- Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 6.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-114(F=-60), 4-7=-114(F=-60), 2-6=-30





Job L140656	Truss T09	Truss Type HIP	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

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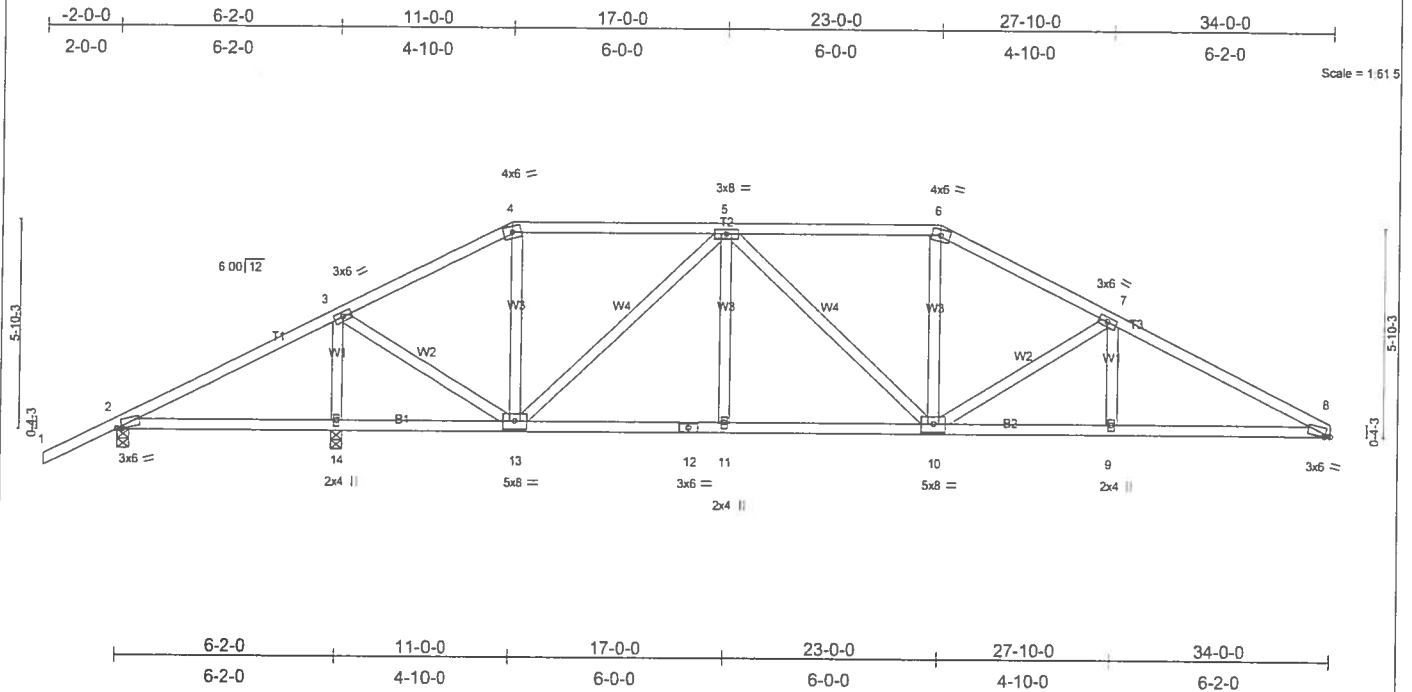


Plate Offsets (X,Y): [2-0-1-13-0-0-7], [8-0-1-13-0-0-7]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.31	Vert(LL)	-0.11	8-9	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.53	Vert(TL)	-0.17	8-9	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.99	Horz(TL)	0.05	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)							

Weight: 180 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-1-9 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 8=1102/Mechanical, 2=92/0-4-0, 14=1760/0-4-0

Max Horz 2=140(load case 5)
 Max Uplift 8=347(load case 6), 2=227(load case 5), 14=556(load case 5)
 Max Grav 8=1102(load case 1), 2=146(load case 9), 14=1760(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-209/626, 3-4=-757/376, 4-5=-622/383, 5-6=-1301/671, 6-7=-1505/692, 7-8=-2012/834
 BOT CHORD 2-14=-496/253, 13-14=-496/253, 12-13=-355/1239, 11-12=-355/1239, 10-11=-355/1239, 9-10=-656/1731, 8-9=-656/1731
 WEBS 3-14=-1567/722, 3-13=-418/1306, 4-13=0/91, 5-13=-878/351, 5-11=0/186, 5-10=-75/103, 6-10=-100/369, 7-10=-521/319, 7-9=0/196

JOINT STRESS INDEX

2 = 0.81, 3 = 0.85, 4 = 0.55, 5 = 0.57, 6 = 0.55, 7 = 0.85, 8 = 0.81, 9 = 0.57, 10 = 0.60, 11 = 0.34, 12 = 0.43, 13 = 0.60 and 14 = 0.57

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- Refer to girder(s) for truss to truss connections.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 347 lb uplift at joint 8, 227 lb uplift at joint 2 and 556 lb uplift at joint 14.

LOAD CASE(S) Standard

Job L140656	Truss T10	Truss Type SPECIAL	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:26:57 2006 Page 1

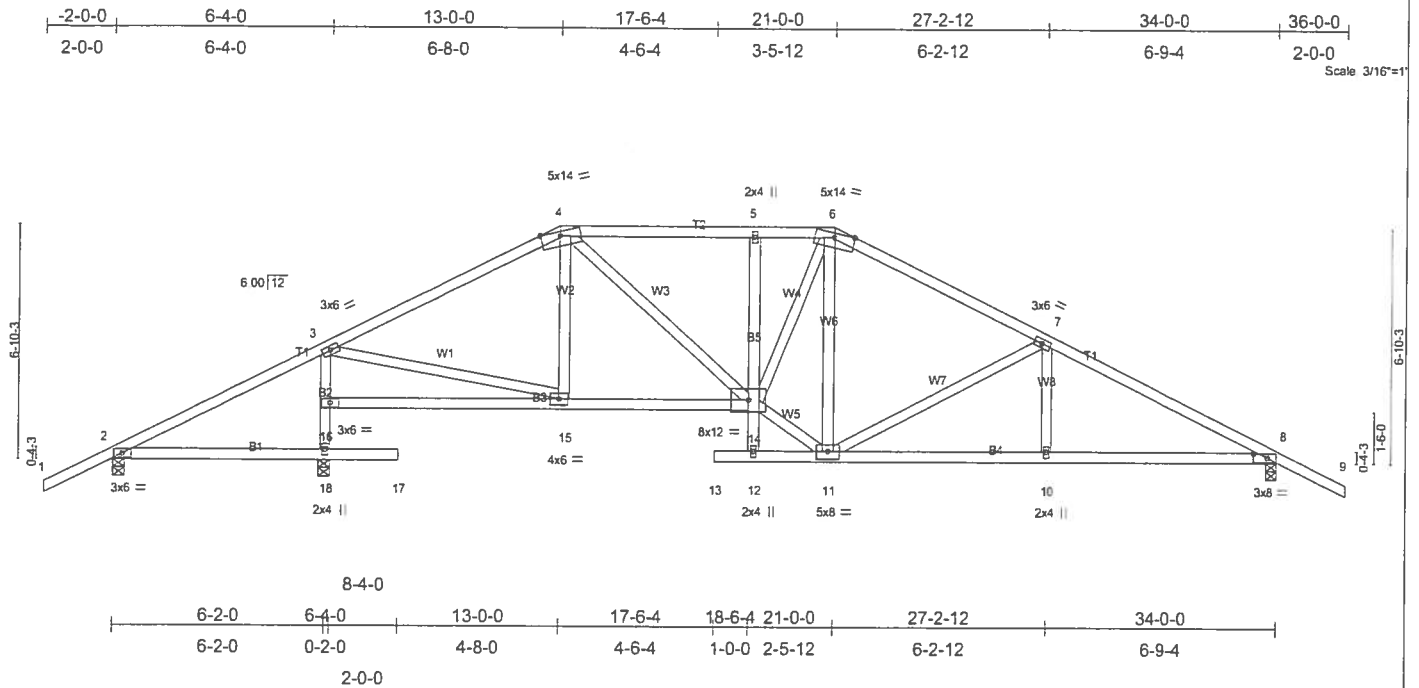


Plate Offsets (X,Y) [8.0-4.12.0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.35	Vert(LL)	-0.12	10-11	>999	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.45	Vert(TL)	-0.19	10-11	>999		
BCLL 10.0	Lumber Increase 1.25	WB 0.56	Horz(TL)	0.06	8	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TPI2002							
Weight: 194 lb								

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B2 2 X 4 SYP No.3, B5 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-1-2 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=319/0-4-0, 18=1558/0-4-0, 8=1284/0-4-0
 Max Horz 2=129(load case 6)
 Max Uplift 2=221(load case 5), 18=396(load case 5), 8=514(load case 6)
 Max Grav 2=324(load case 9), 18=1558(load case 1), 8=1284(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=31/222, 3-4=1437/632, 4-5=1592/749, 5-6=1570/740, 6-7=1463/693, 7-8=2071/837, 8-9=0/47
 BOT CHORD 2-18=51/27, 17-18=0/0, 16-18=1393/524, 3-16=1282/542, 15-16=32/39, 14-15=223/1205, 12-14=0/41, 5-14=199/155, 12-13=0/0,
 11-12=28/17, 10-11=565/1771, 8-10=565/1771
 WEBS 3-15=247/1230, 4-15=88/100, 4-14=156/594, 11-14=297/1467, 6-14=196/817, 6-11=393/109, 7-11=610/331, 7-10=0/215

JOINT STRESS INDEX
 2 = 0.30, 3 = 0.63, 4 = 0.87, 5 = 0.71, 6 = 0.62, 7 = 0.41, 8 = 0.78, 10 = 0.34, 11 = 0.68, 12 = 0.34, 14 = 0.53, 15 = 0.57, 16 = 0.53 and 18 = 0.51

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 221 lb uplift at joint 2, 396 lb uplift at joint 18 and 514 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L140656	Truss T11	Truss Type SPECIAL	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		
			6.200 s Jul 13 2005 Mittek Industries, Inc. Wed May 03 13:26:58 2006 Page 1		

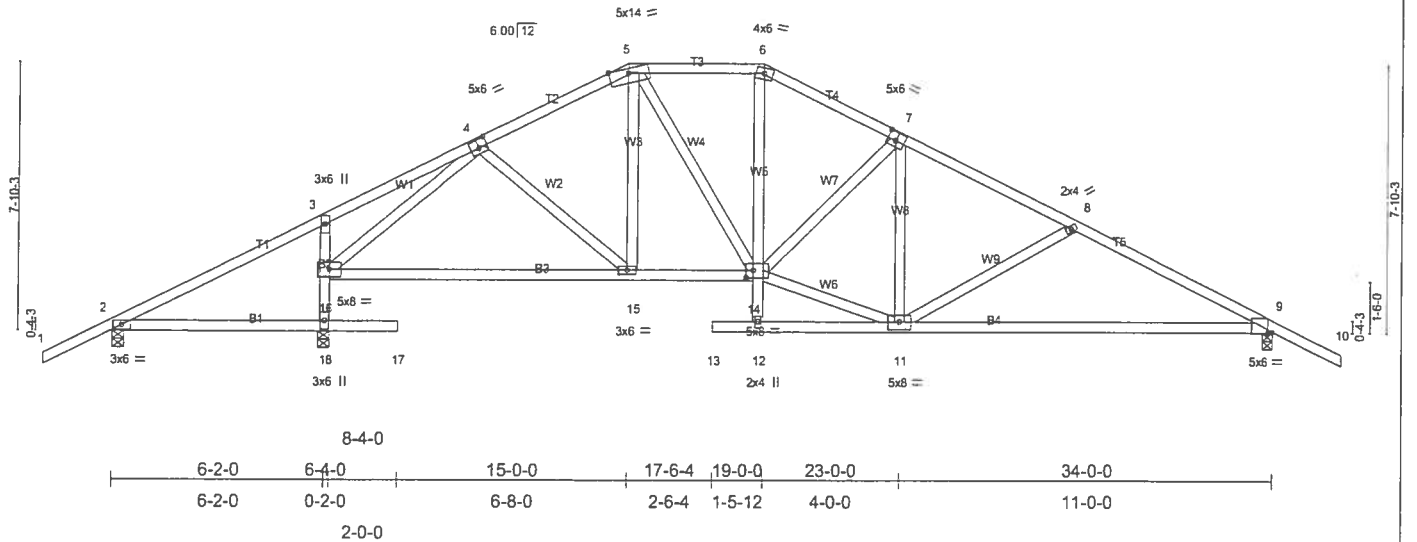
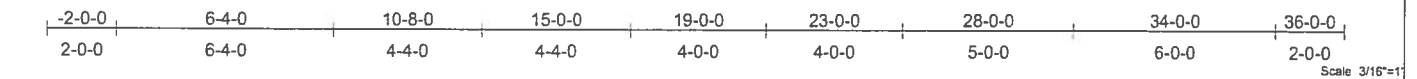


Plate Offsets (X,Y): [4:0-3-0-0-3-0], [7:0-3-0-0-3-0], [9:0-1-11,Edge], [14:0-2-8-0-2-8]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.41	Vert(LL)	-0.34	9-11	>988	240	MT20	244/190
TCDL 7.0	Plates increase 1.25	BC 0.63	Vert(TL)	-0.58	9-11	>575	180		
BCLL 10.0	Lumber increase 1.25	WB 0.88	Horz(TL)	0.06	9	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TP12002								
									Weight: 199 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B2 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-10-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
 6-0-0 oc bracing: 2-18
 7-11-5 oc bracing: 9-11.

REACTIONS (lb/size) 2=304/0-4-0, 18=1576/0-4-0, 9=1282/0-4-0
 Max Horz 2=143(load case 6)
 Max Uplift 2=303(load case 5), 18=480(load case 5), 9=528(load case 6)
 Max Grav 2=311(load case 9), 18=1576(load case 1), 9=1282(load case 1)

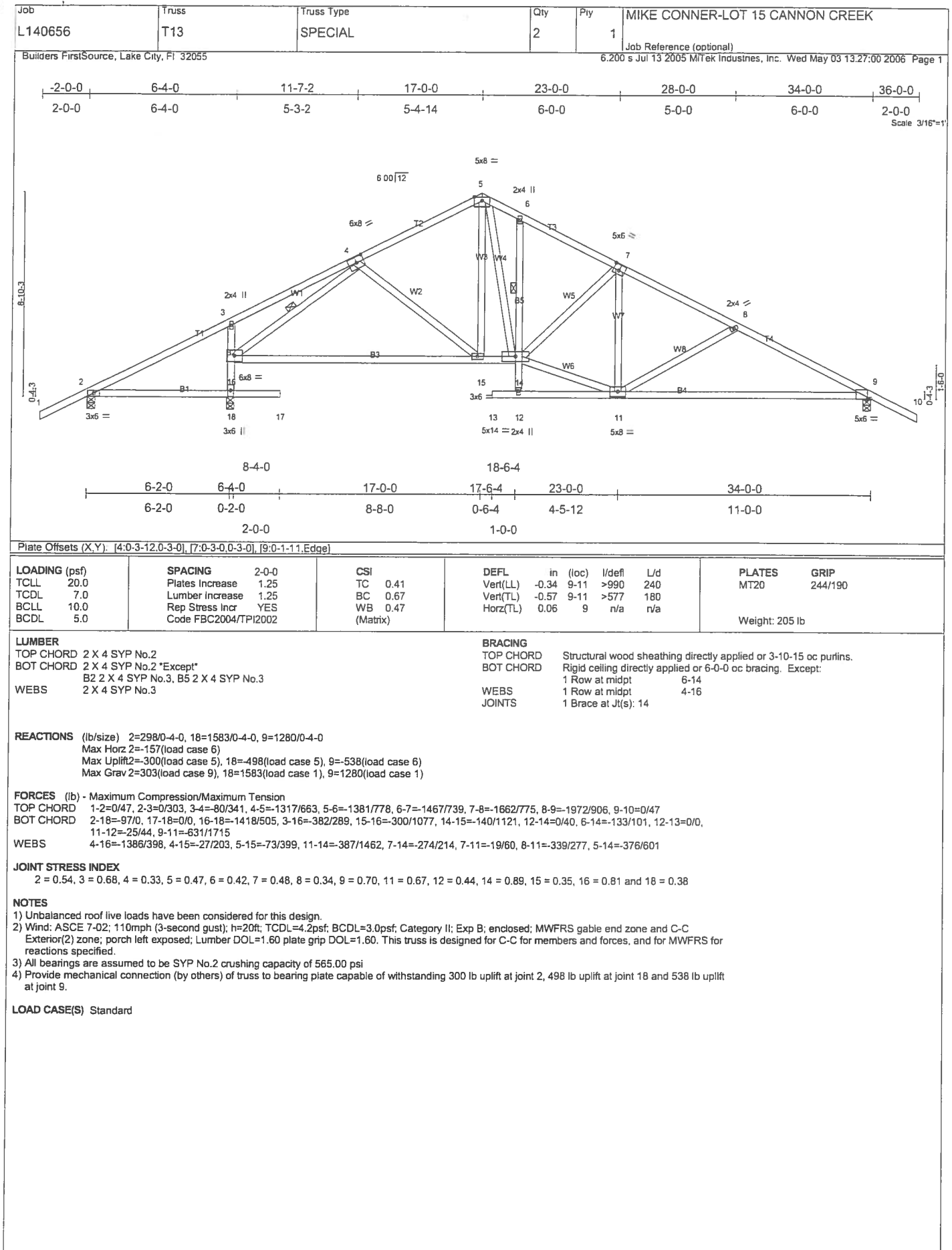
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=0/283, 3-4=38/313, 4-5=1350/667, 5-6=1313/697, 6-7=1491/728, 7-8=1663/758, 8-9=1978/895, 9-10=0/47
 BOT CHORD 2-18=80/0, 17-18=0/0, 16-18=1411/500, 3-16=342/267, 15-16=276/1030, 14-15=182/1164, 12-13=0/0, 11-12=2/16, 9-11=622/1721
 WEBS 4-15=0/259, 5-15=36/150, 5-14=118/357, 12-14=0/50, 6-14=181/442, 7-14=218/213, 7-11=37/68, 4-16=1416/398, 11-14=394/1491,
 8-11=348/286

JOINT STRESS INDEX
 2 = 0.53, 3 = 0.28, 4 = 0.42, 5 = 0.43, 6 = 0.37, 7 = 0.39, 8 = 0.34, 9 = 0.71, 11 = 0.68, 12 = 0.34, 14 = 0.91, 15 = 0.35, 16 = 0.81 and 18 = 0.38

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate gnp DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 303 lb uplift at joint 2, 480 lb uplift at joint 18 and 528 lb uplift at joint 9.

LOAD CASE(S) Standard



Job L140656	Truss T14	Truss Type COMMON	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 03 13:27:01 2006 Page 1		

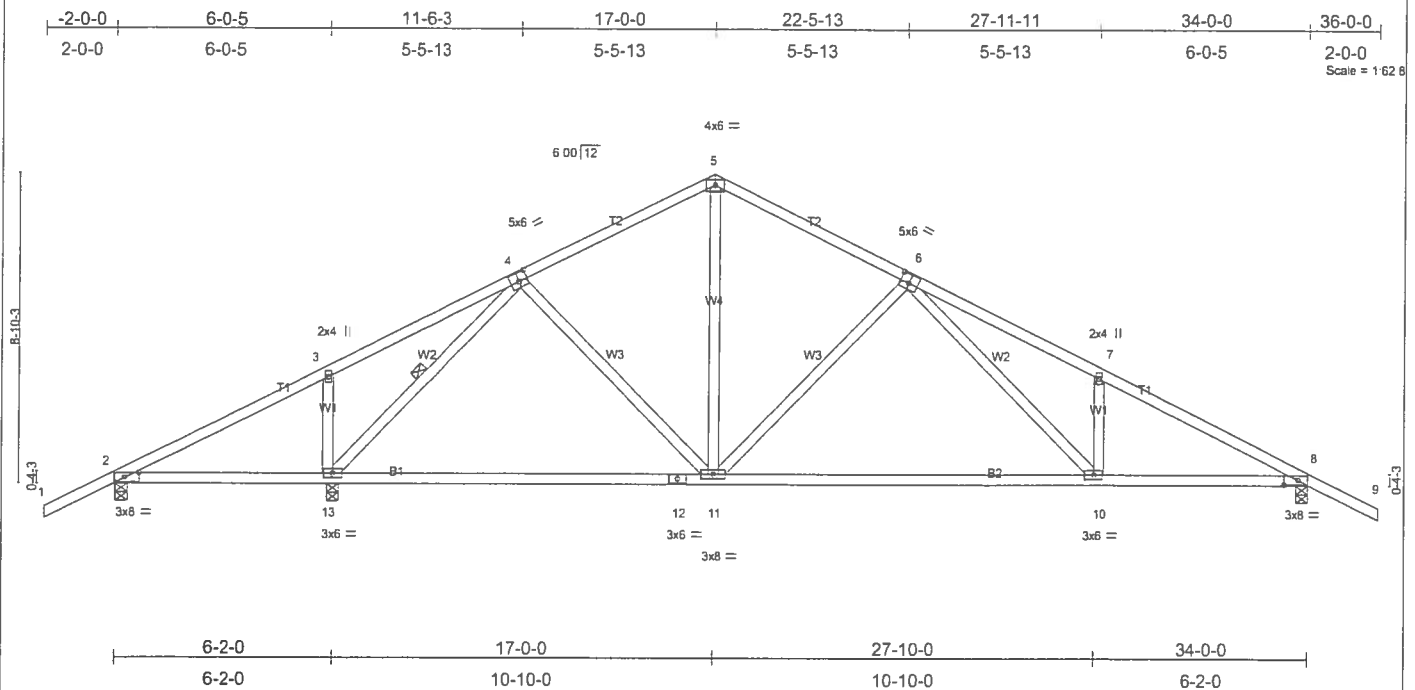


Plate Offsets (X,Y): [2:0-4-12.0-1-8], [4:0-3-0.0-3-0], [6:0-3-0.0-3-0], [8:0-4-12.0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCCL 20.0	2-0-0	TC 0.30	in (loc) l/defl L/d	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.70	Vert(LL) -0.29 10-11 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.63	Vert(TL) -0.50 10-11 >669 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 8 n/a n/a		
	Code FBC2004/TPI2002				
					Weight: 180 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-2-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-13

REACTIONS (lb/size) 2=160/0-4-0, 13=1660/0-4-0, 8=1242/0-4-0

Max Horz 2=157(load case 6)
Max Uplift 2=219(load case 5), 13=605(load case 5), 8=511(load case 6)
Max Grav 2=223(load case 9), 13=1660(load case 1), 8=1242(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-174/411, 3-4=-17/394, 4-5=-1031/568, 5-6=-1033/569, 6-7=-2029/959, 7-8=-2054/807, 8-9=0/47
BOT CHORD 2-13=-297/283, 12-13=-160/692, 11-12=-160/692, 10-11=-329/1240, 8-10=-546/1756
WEBS 3-13=-328/337, 4-13=-1440/564, 4-11=0/340, 5-11=-262/562, 6-11=-559/396, 6-10=-316/751, 7-10=-266/289

JOINT STRESS INDEX

2 = 0.77, 3 = 0.34, 4 = 0.49, 5 = 0.59, 6 = 0.49, 7 = 0.34, 8 = 0.77, 10 = 0.49, 11 = 0.57, 12 = 0.79 and 13 = 0.49

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B: enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 219 lb uplift at joint 2, 605 lb uplift at joint 13 and 511 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L140656	Truss T15	Truss Type SPECIAL	Qty 1	Ply 2	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, Fl 32055				Job Reference (optional) 6.200 s Jul 13 2005 MTEK Industries, Inc. Wed May 03 13:27:02 2006 Page 1	

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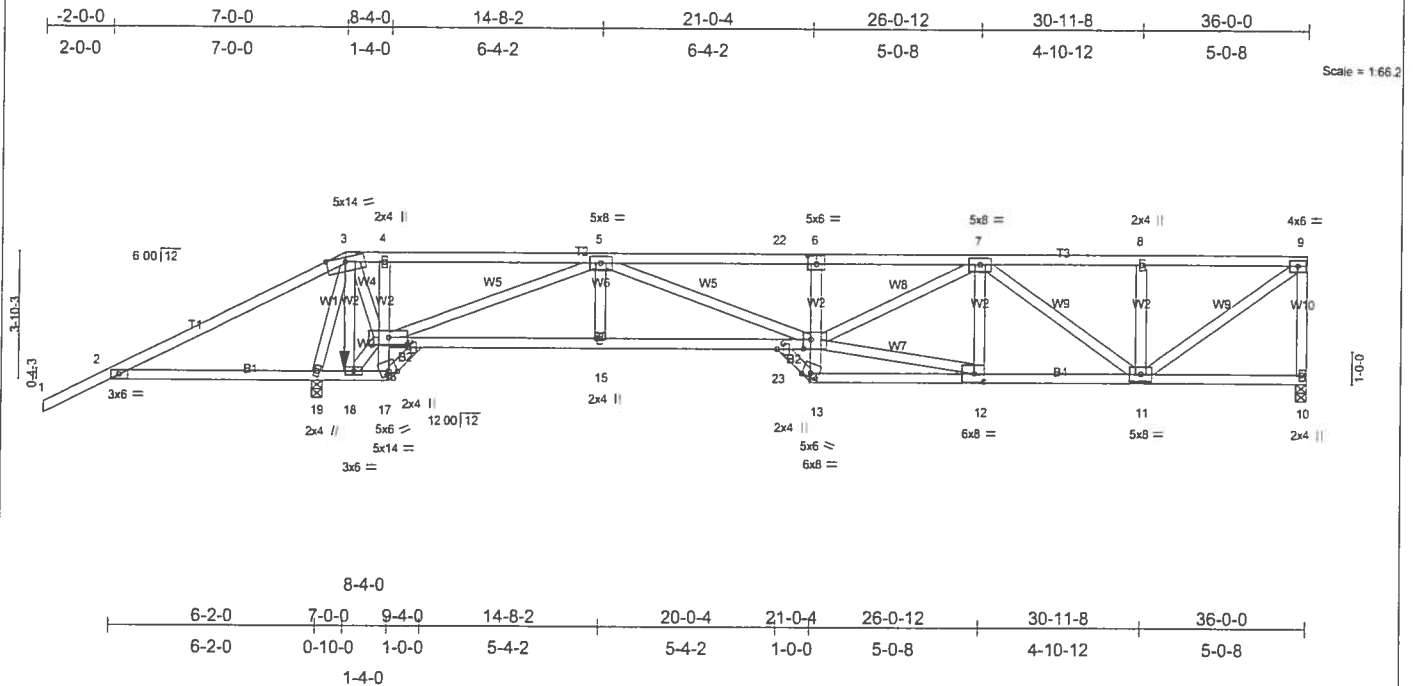


Plate Offsets (X,Y): [6:0-3-0-0-3-0], [12:0-3-8-0-3-0], [14:0-2-8-0-3-4], [16:0-6-12-0-2-8], [20:0-2-0-0-0-15], [21:0-2-0-0-2-4]										
LOADING (psf)		SPACING 2-0-0		CSI		DEFL			PLATES	
TCLL	20.0	Plates Increase	1.25	TC	0.41	in (loc)	l/defl	L/d	MT20	GRIP
TCDL	7.0	Lumber Increase	1.25	BC	0.95	Vert(LL)	-0.35 14-15	>999	240	244/190
BCLL	10.0	Rep Stress Incr	NO	WB	0.92	Vert(TL)	-0.57 14-15	>626	180	
BCDL	5.0	Code FBC2004/TP12002		(Matrix)		Horz(TL)	0.17 10	n/a	n/a	
									Weight: 420 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3 "Except"
 W2 2 X 4 SYP No.2, W2 2 X 4 SYP No.2, W2 2 X 4 SYP No.2, W2 2 X 4 SYP No.2
 W2 2 X 4 SYP No.2

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 4-8-1 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing

REACTIONS (lb/size) 10=2598/0-4-0, 19=3580/0-4-0
Max Horz 19=226(load case 4)
Max Uplift 10=-1165(load case 3), 19=-1582(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 1-2=0/47, 2-3=622/835, 3-4=1416/865, 4-5=-1419/865, 5-22=-7304/3270, 6-22=-7304/3270, 6-7=-7226/3244, 7-8=-3051/1366,
 TOP CHORD 8-9=-3051/1366, 9-10=-2427/1179
 2-19=-664/885, 18-19=-250/139, 17-18=-36/78, 15-16=-2615/5892, 15-23=-2615/5892, 14-23=-2615/5892, 12-13=-126/304,
 BOT CHORD 11-12=-2140/4801, 10-11=-42/94
 3-18=-1362/28, 16-17=-84/171, 4-16=-304/265, 5-16=-4823/1924, 5-15=-127/699, 5-14=-748/1522, 13-14=0/173, 6-14=-567/304,
 WEBS 7-14=-1239/2719, 7-12=-534/468, 7-11=-2163/956, 8-11=-581/484, 9-11=-1637/3655, 3-19=-3202/1349, 3-16=-1329/2839, 16-18=-278/201,
 12-14=-2053/4584

JOINT STRESS INDEX
2 = 0.23, 3 = 0.79, 4 = 0.34, 5 = 0.64, 6 = 0.44, 7 = 0.62, 8 = 0.34, 9 = 0.76, 10 = 0.85, 11 = 0.85, 12 = 0.55, 13 = 0.24, 14 = 0.84, 15 = 0.34, 16 = 0.97, 17 = 0.24, 18 = 0.41, 19 = 0.60, 20 = 0.34 and 21 = 0.34

NOTES

- 1) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 400 lb down and 270 lb up at 7'-0" on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 2) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0'-9" oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0'-9" oc.
 Webs connected as follows: 2 X 4 - 1 row at 0'-9" oc.
 Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 400 lb down and 270 lb up at 7'-0" on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 3) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed, MWFRS gable end zone, cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.60.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1165 lb uplift at joint 10 and 1582 lb uplift at joint 19.
- 8) Girder carries tie-in span(s): 3'-7" from 7'-0" to 20'-0"; 5'-3" from 7'-0" to 20'-0"
- 9) Girder carries tie end with 0'-0" right side setback, 20'-0" left side setback, and 7'-0" end setback.
- 10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 400 lb down and 270 lb up at 7'-0" on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Continued on page 2

MAY 03, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
L140656	T15	SPECIAL	1	2	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 03 13:27:02 2006 Page 2		

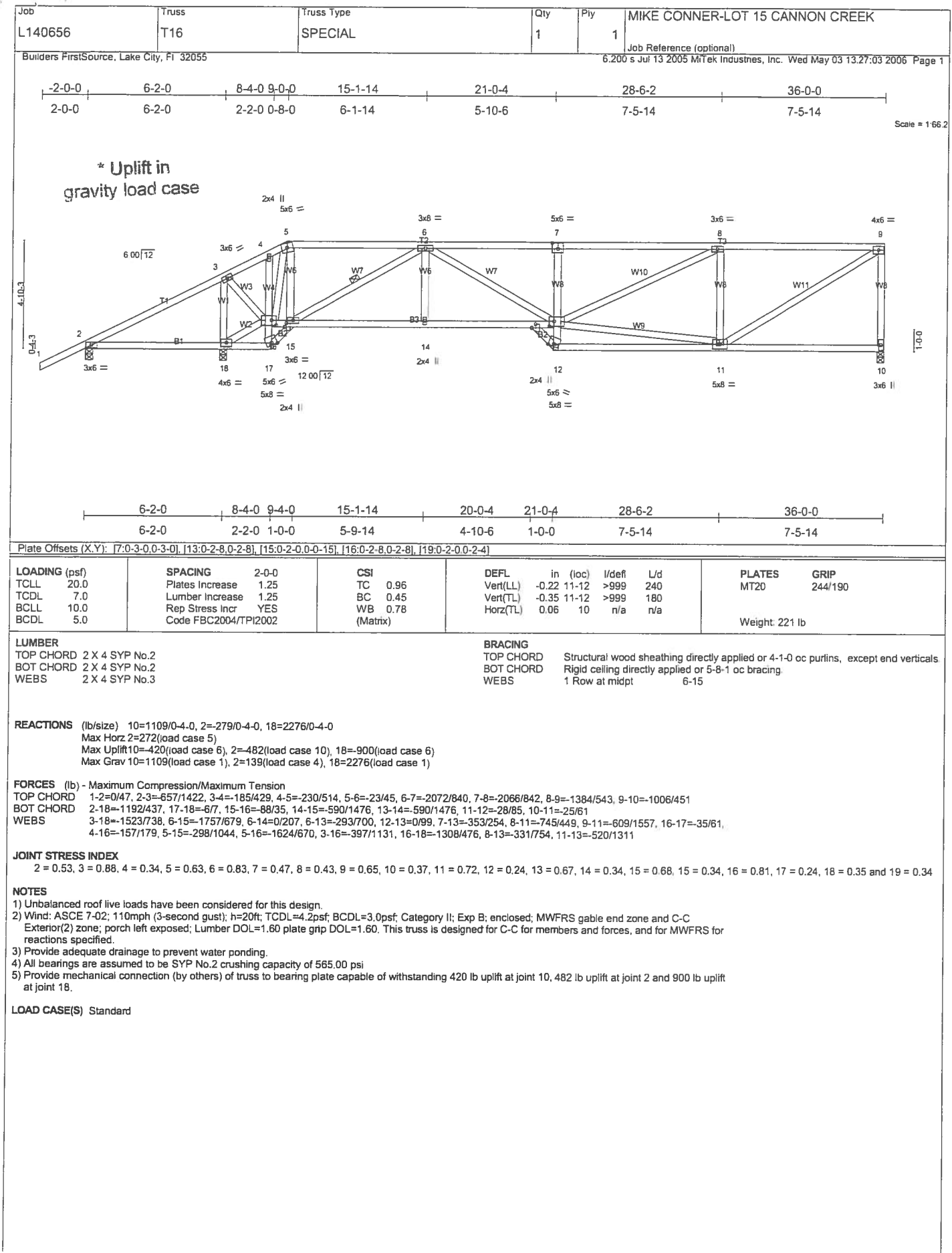
LOAD CASE(S) Standard

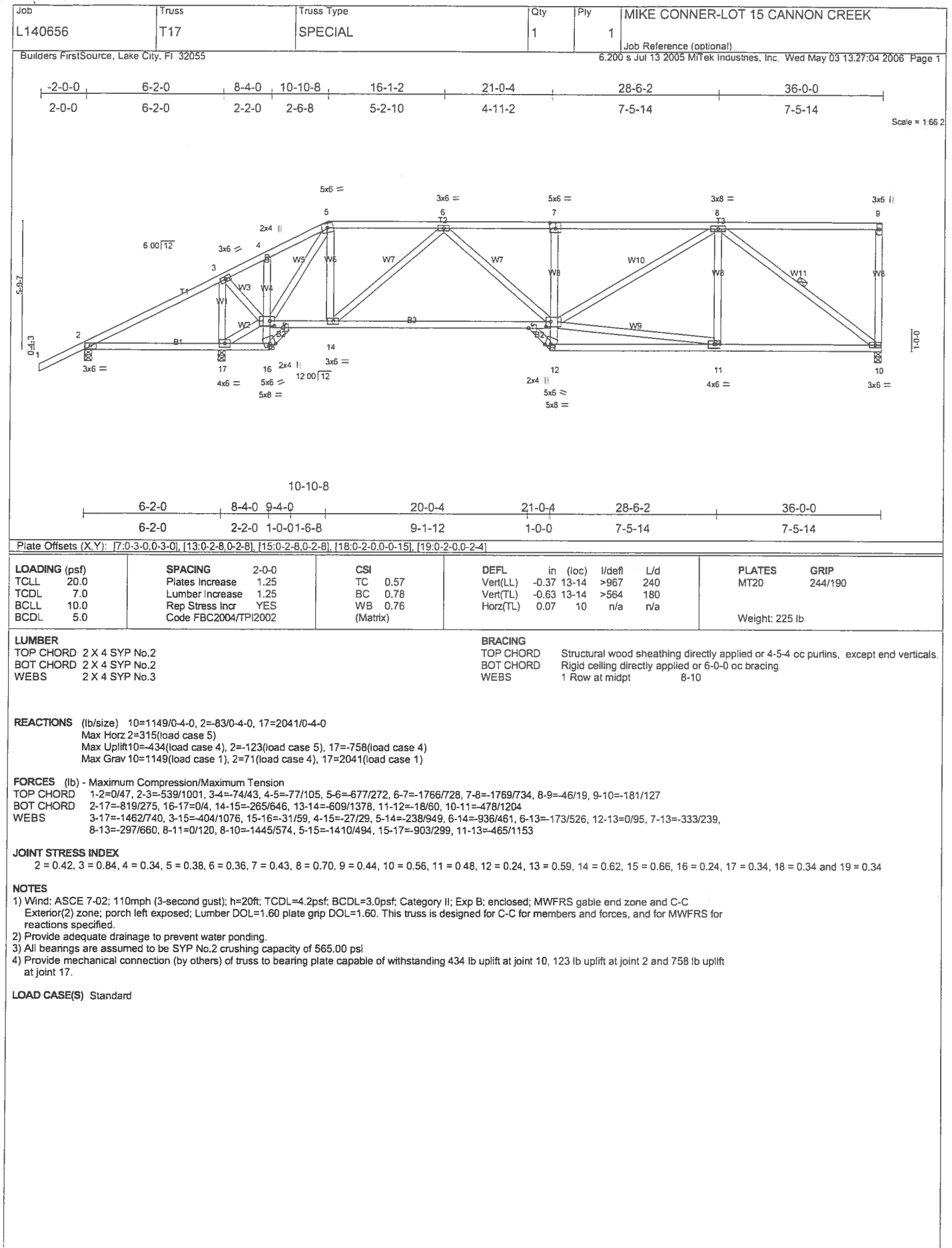
Uniform Loads (plf)

Vert: 1-3=-54, 3-22=80(F=-26), 9-22=-117(F=-63), 2-18=-30, 17-18=-91(F=-61), 16-23=-91(F=-61), 14-23=-65(F=-35), 10-13=-65(F=-35)

Concentrated Loads (lb)

Vert: 18=-400(F)

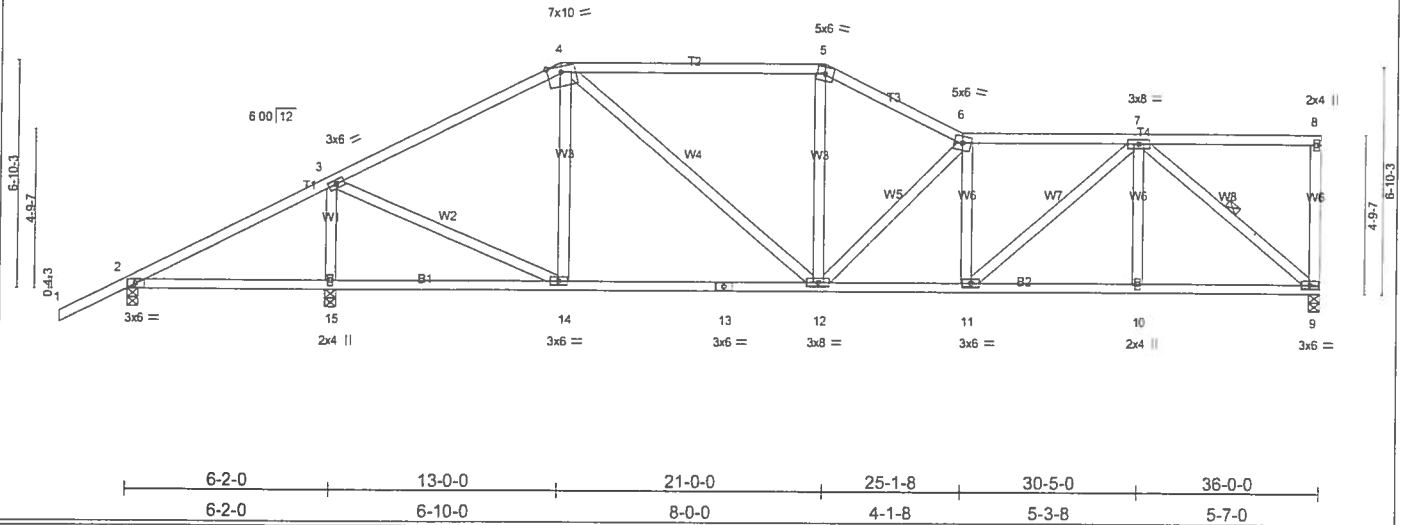




Job L140656	Truss T18	Truss Type SPECIAL	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:27:04 2006 Page 1		

-2-0-0	6-2-0	13-0-0	21-0-0	25-1-8	30-5-0	36-0-0
2-0-0	6-2-0	6-10-0	8-0-0	4-1-8	5-3-8	5-7-0

Scale = 1/66.2



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.46	in (loc) l/defl L/d	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.52	Vert(LL) -0.14 12-14 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.49	Vert(TL) -0.23 12-14 >999 180		
BCCL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 9 n/a n/a		
	Code FBC2004/TP12002			Weight: 209 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-6-8 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 7-9

REACTIONS (lb/size) 9=1204/0-4-0, 2=180/0-4-0, 15=1730/0-4-0
 Max Horz 2=298(load case 5)
 Max Uplift 9=376(load case 4), 2=198(load case 5), 15=615(load case 5)
 Max Grav 9=1204(load case 1), 2=232(load case 9), 15=1730(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-257/418, 3-4=-1113/452, 4-5=-1362/648, 5-6=-1546/662, 6-7=-1806/741, 7-8=-34/13, 8-9=-135/94
 BOT CHORD 2-15=-310/62, 14-15=-310/62, 13-14=-370/919, 12-13=-370/919, 11-12=-749/1818, 10-11=-498/1231, 9-10=-498/1231
 WEBS 3-15=-1518/789, 3-14=-480/1341, 4-14=-323/259, 4-12=-226/640, 5-12=-38/313, 6-12=-671/298, 6-11=-388/237, 7-11=-322/762, 7-10=0/173, 7-9=-1553/629

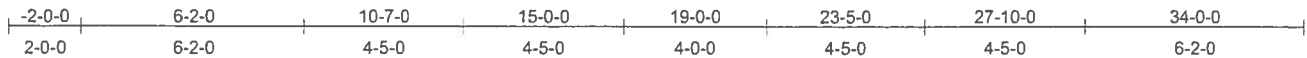
JOINT STRESS INDEX
 2 = 0.56, 3 = 0.78, 4 = 0.86, 5 = 0.72, 6 = 0.34, 7 = 0.76, 8 = 0.88, 9 = 0.48, 10 = 0.34, 11 = 0.47, 12 = 0.63, 13 = 0.49, 14 = 0.77 and 15 = 0.55

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 376 lb uplift at joint 9, 198 lb uplift at joint 2 and 615 lb uplift at joint 15.

LOAD CASE(S) Standard

Job L140656	Truss T19	Truss Type HIP	Qty 1	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:27:05 2006 Page 1		



Scale = 1/61 4

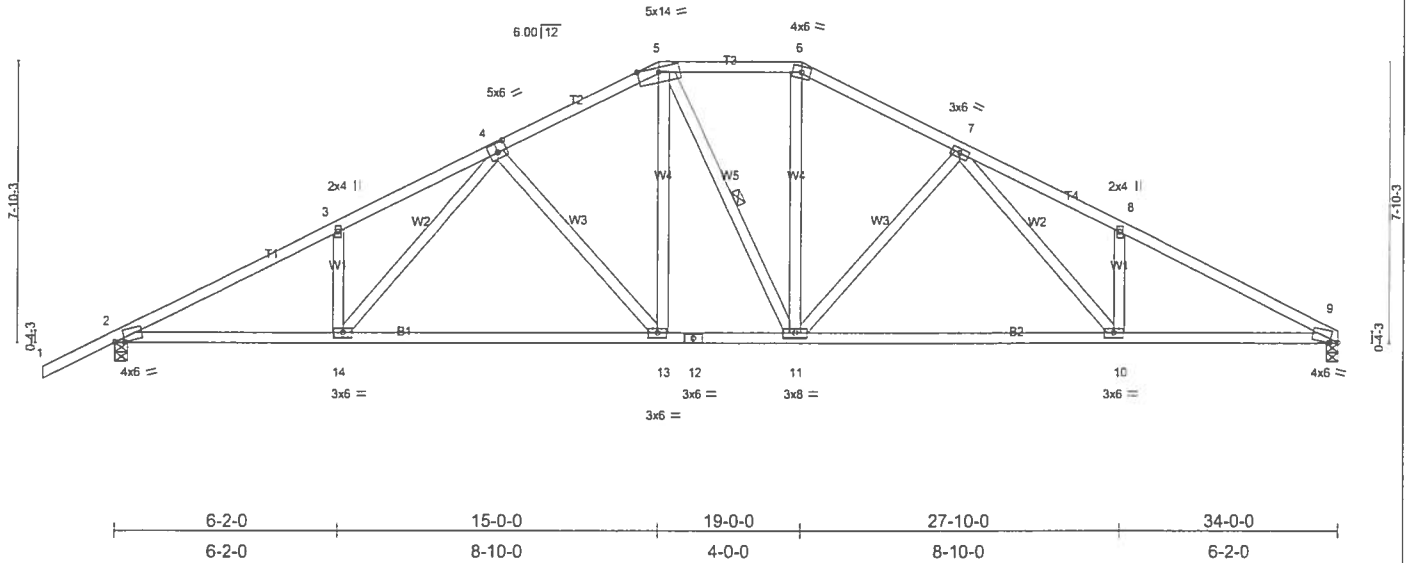


Plate Offsets (X, Y): [2:0-3-1,0-0-11], [4:0-3-0,0-3-0], [9:0-2-13,0-0-11]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.37	in (loc) l/def l/d	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.73	Vert(LL) -0.28 13-14 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.43	Vert(TL) -0.47 13-14 >853 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.11 9 n/a n/a		
	Code FBC2004/TPI2002			Weight: 192 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-6-11 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-5-6 oc bracing.
 WEBS 1 Row at midpt 5-11

REACTIONS

(lb/size) 9=1410/0-4-0, 2=1535/0-4-0
 Max Horz 2=168(load case 5)
 Max Uplift 9=447(load case 6), 2=575(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-2656/1057, 3-4=-2614/1191, 4-5=-1805/885, 5-6=-1579/846, 6-7=-1806/888, 7-8=-2658/1263, 8-9=-2691/1114
 BOT CHORD 2-14=-841/2288, 13-14=-676/1884, 12-13=-460/1576, 11-12=-460/1576, 10-11=-688/1888, 9-10=-902/2324
 WEBS 3-14=-242/259, 4-14=-261/647, 4-13=-485/335, 5-13=-219/552, 5-11=-153/162, 6-11=-223/555, 7-11=-493/354, 7-10=-335/694, 8-10=-262/290

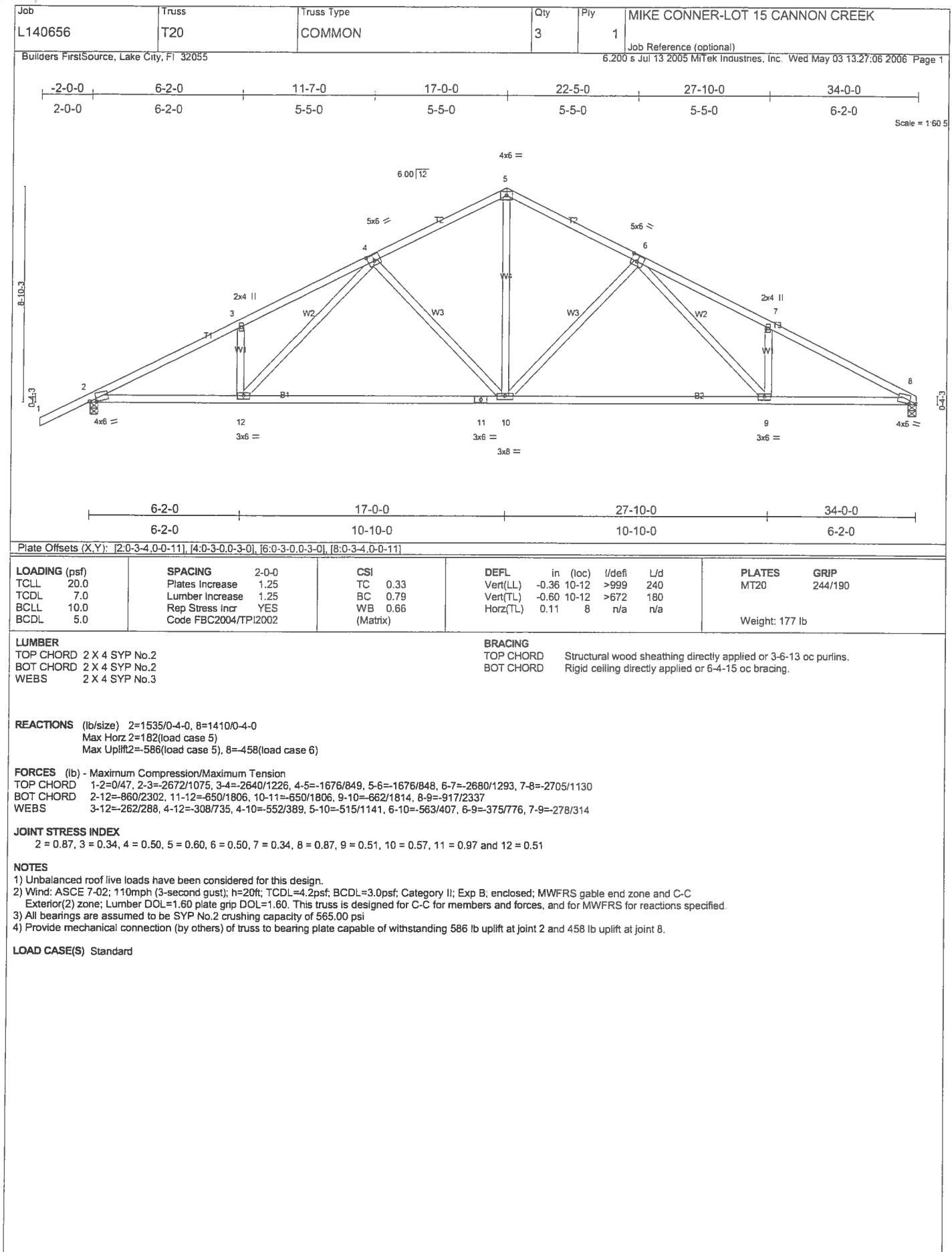
JOINT STRESS INDEX

2 = 0.88, 3 = 0.34, 4 = 0.37, 5 = 0.43, 6 = 0.47, 7 = 0.46, 8 = 0.34, 9 = 0.86, 10 = 0.48, 11 = 0.63, 12 = 0.75, 13 = 0.39 and 14 = 0.44

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed: MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 447 lb uplift at joint 9 and 575 lb uplift at joint 2.

LOAD CASE(S) Standard



Job L140656	Truss T21	Truss Type COMMON	Qty 2	Ply 1	MIKE CONNER-LOT 15 CANNON CREEK
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 03 13:27:07 2006 Page 1		

-2-0-0	6-2-0	11-7-0	17-0-0	22-5-0	27-10-0	34-0-0	36-0-0
2-0-0	6-2-0	5-5-0	5-5-0	5-5-0	5-5-0	6-2-0	2-0-0

Scale = 1:62.5

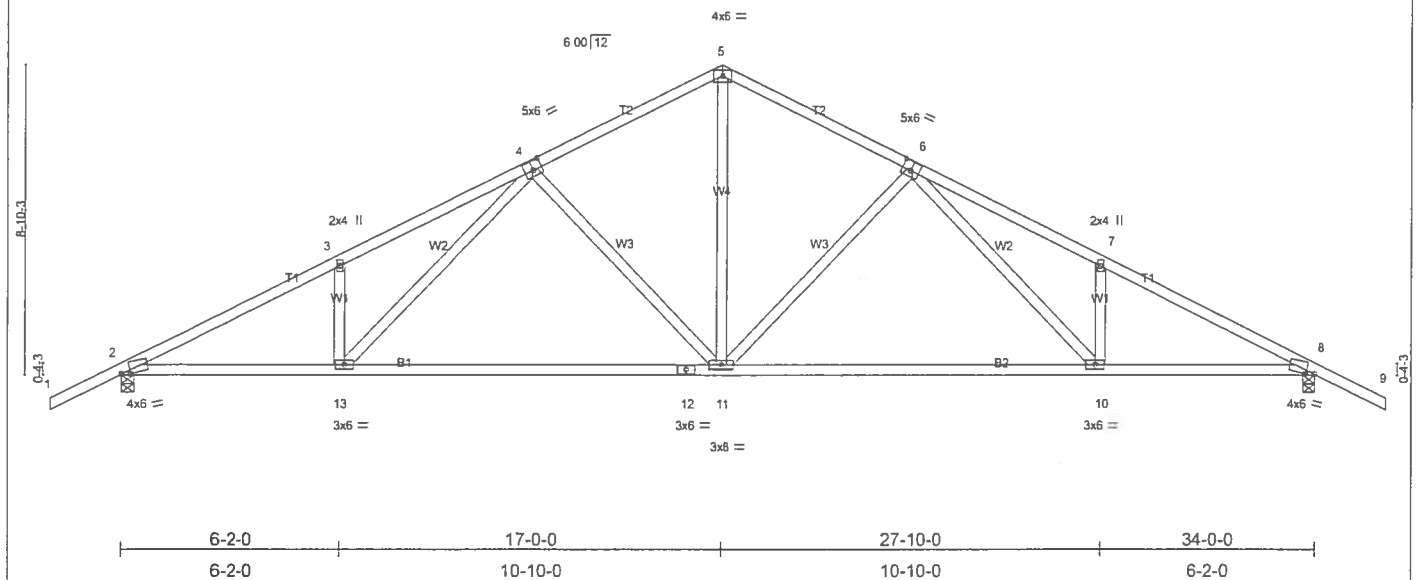


Plate Offsets (X,Y): [2-0-3-1,0-0-11], [4-0-3-0,0-3-0], [6-0-3-0,0-3-0], [8-0-3-1,0-0-11]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.33	Vert(LL)	-0.35	10-11	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.76	Vert(TL)	-0.60	10-11	>678	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.65	Horz(TL)	0.11	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 180 lb	

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

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-7-13 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-1-9 oc bracing.

REACTIONS (lb/size) 2=1531/0-4-0, 8=1531/0-4-0
 Max Horz 2=157(load case 6)
 Max Uplift 2=585(load case 5), 8=585(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-2664/1062, 3-4=-2633/1213, 4-5=-1668/836, 5-6=-1668/836, 6-7=-2633/1213, 7-8=-2664/1062, 8-9=0/47
 BOT CHORD 2-13=-770/2296, 12-13=-561/1800, 11-12=-561/1800, 10-11=-561/1800, 8-10=-770/2296
 WEBS 3-13=-263/288, 4-13=-308/736, 4-11=-552/389, 5-11=-506/1136, 6-11=-552/389, 6-10=-308/736, 7-10=-263/288

JOINT STRESS INDEX
 2 = 0.88, 3 = 0.34, 4 = 0.50, 5 = 0.59, 6 = 0.50, 7 = 0.34, 8 = 0.88, 10 = 0.48, 11 = 0.57, 12 = 0.97 and 13 = 0.48

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 585 lb uplift at joint 2 and 585 lb uplift at joint 8.

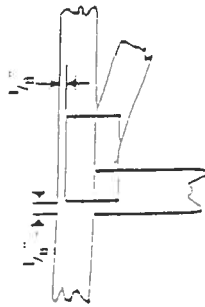
LOAD CASE(S) Standard

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



* For 1 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

* This symbol indicates the required direction of slats in connector plates.



PLATE SIZE

The first dimension is the width perpendicular to slats. Second dimension is the length parallel to slats.

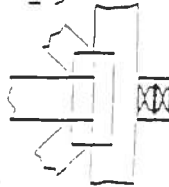


LATERAL BRACING



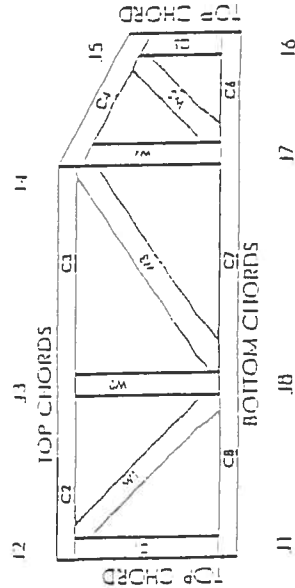
Indicates location of required continuous lateral bracing.

BEARINGS



Indicates location of joints at which bearings (supports) occur.

Numbering System

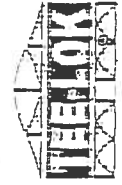


JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

BOCA	96.31, 96.67
ICBO	3907, 4922
SBCCI	9667, 9132A
WISC/DITIR	960022 W, 970036 H
TIER	561



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length (1.5' from adjacent joint).
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and / or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.