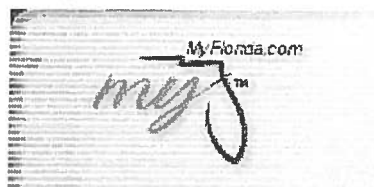


Project Information for:		L160425					
Builder:		Woodman Park Bldrs.		Date: 4/20/2006			
Lot:		Lot 34		Start Number: 1473			
Subdivision:		Emerald Cove					
County or City:		Columbia County					
Truss Page Count:		37					
Truss Design Load Information (UNO)			Design Program: MiTek 5.2 / 6.2				
Gravity		Wind		Building Code: FBC2004			
Roof (psf):	42	Wind Standard:	ASCE 7-02				
Floor (psf):	55	Wind Speed (mph):	110				
Note: See individual truss drawings for special loading conditions							
Building Designer, responsible for Structural Engineering: (See attached)							
WOOD, WILLIAM G. CBC058182							
Address:		PO BOX 3535		Designer: 155			
		LAKE CITY, FLORIDA 32056					
Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987							
Company:		Structural Engineering and Inspections, Inc. EB 9196					
Address		16105 N. Florida Ave, Ste B, Lutz, FL 33549					
Notes:							
1. Truss Design Engineer is responsible for the individual trusses as components only.							
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI							
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.							
4. Trusses designed for vertical loads only, unless noted otherwise.							
#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	0420061473	4/20/2006				
2	CJ3	0420061474	4/20/2006				
3	CJ5	0420061475	4/20/2006				
4	EJ2	0420061476	4/20/2006				
5	EJ4	0420061477	4/20/2006				
6	EJ6	0420061478	4/20/2006				
7	EJ7	0420061479	4/20/2006				
8	EJ7A	0420061480	4/20/2006				
9	HJ2	0420061481	4/20/2006				
10	HJ8	0420061482	4/20/2006				
11	HJ9	0420061483	4/20/2006				
12	HJ9A	0420061484	4/20/2006				
13	T01	0420061485	4/20/2006				
14	T02	0420061486	4/20/2006				
15	T03	0420061487	4/20/2006				
16	T04	0420061488	4/20/2006				
17	T05	0420061489	4/20/2006				
18	T06	0420061490	4/20/2006				
19	T07	0420061491	4/20/2006				
20	T08	0420061492	4/20/2006				
21	T09	0420061493	4/20/2006				
22	T10	0420061494	4/20/2006				
23	T11	0420061495	4/20/2006				
24	T12	0420061496	4/20/2006				
25	T13	0420061497	4/20/2006				
26	T14	0420061498	4/20/2006				
27	T15	0420061499	4/20/2006				
28	T16	0420061500	4/20/2006				
29	T17	0420061501	4/20/2006				
30	T18	0420061502	4/20/2006				
31	T19	0420061503	4/20/2006				
32	T20	0420061504	4/20/2006				
33	T21	0420061505	4/20/2006				
34	T22	0420061506	4/20/2006				
35	T23	0420061507	4/20/2006				
36	T24	0420061508	4/20/2006				
37	T25	0420061509	4/20/2006				

APR 20 2006



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4:36:08 PM

Licensee Details**Licensee Information**

Name: **WOOD, WILLIAM G (Primary Name)**
WOODMAN PARK BUILDERS INC (DBA Name)
Main Address: **P.O.BOX 3535**
LAKE CITY Florida 32026
License Mailing:
License Location: **P.O.BOX 3535**
LAKE CITY FL 32026

License Information

License Type: **Certified Building Contractor**
Rank: **Cert Building**
License Number: **CBC058182**
Status: **Current,Active**
Licensure Date: **10/06/1997**
Expires: **08/31/2006**

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Job L160425	Truss CJ1	Truss Type MONO TRUSS	Qty 14	Ply 1	WOODMAN PARK - LOT 34 EC
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Apr 20 14:35:27 2006 Page 1		

Scale = 1/2"

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.28	Vert(LL) -0.00 2 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.01	Vert(TL) -0.00 2 >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: 7 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	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)

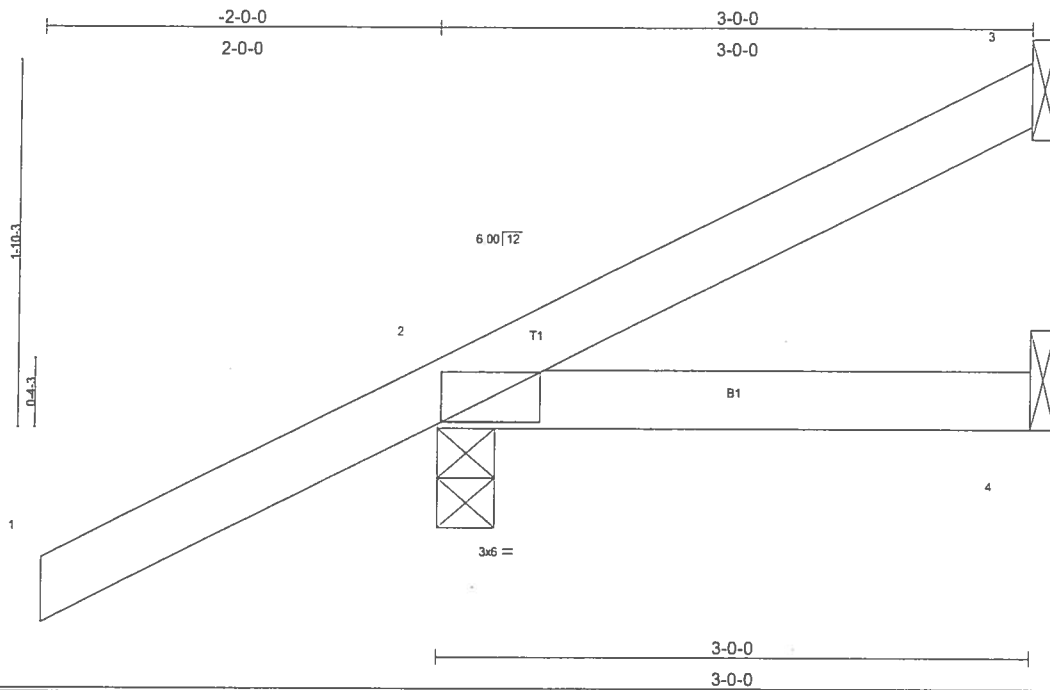
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-69/75
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.14

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) 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 L160425	Truss CJ3	Truss Type MONO TRUSS	Qty 12	Ply 1	WOODMAN PARK - LOT 34 EC
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Apr 20 14:35:28 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.08	Vert(TL)	0.01	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: 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)

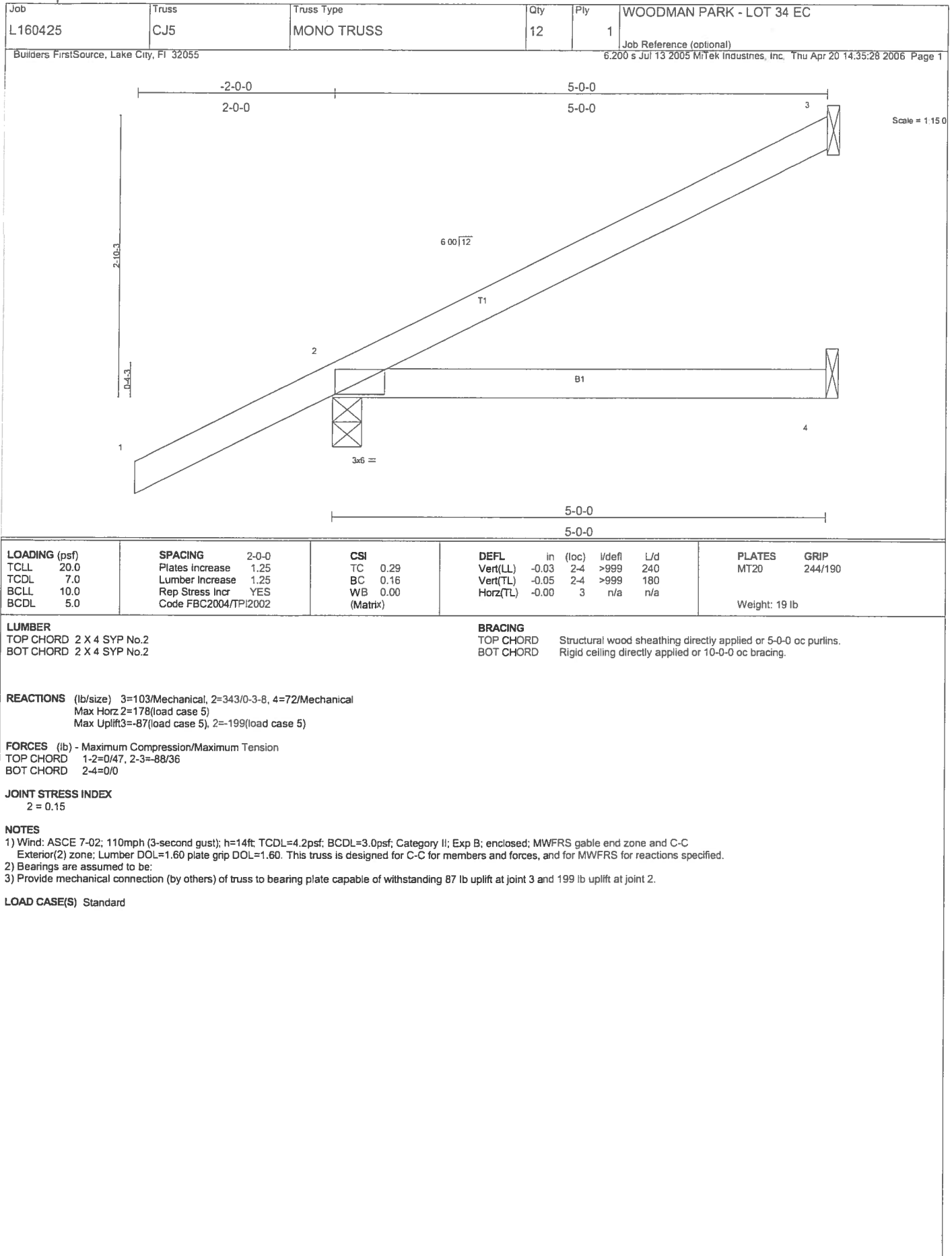
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-57/7
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.13

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) 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 L160425	Truss EJ2	Truss Type MONO TRUSS	Qty 1	Ply 1	WOODMAN PARK - LOT 34 EC
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Apr 20 14:35:28 2006 Page 1		

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.27 BC 0.02 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.00 2 >999 240 Vert(TL) -0.00 2-4 >999 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 9 lb
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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 1-10-8 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
---	--

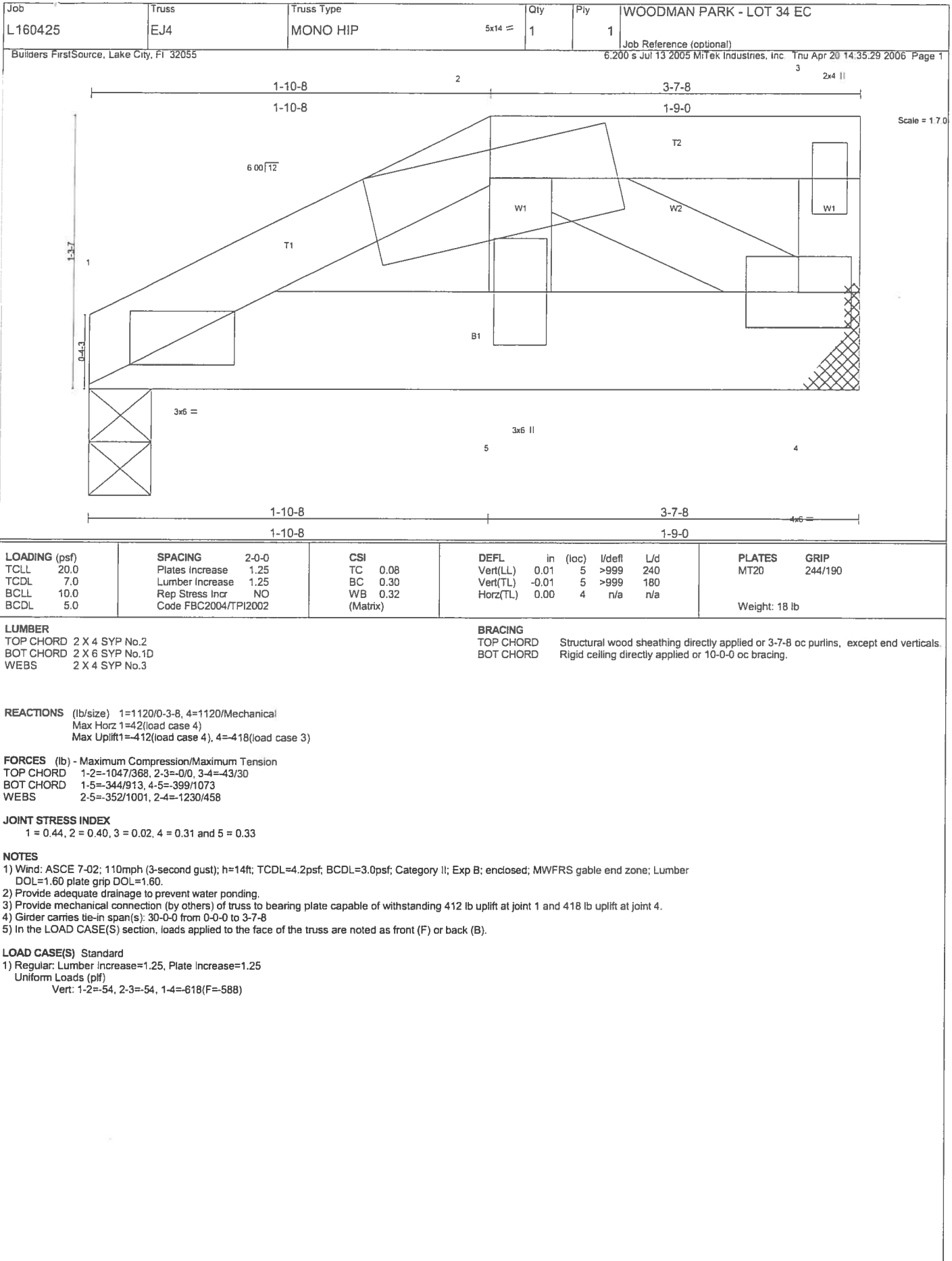
REACTIONS (lb/size) 2=247/0-3-8, 4=27/Mechanical, 3=-11/Mechanical
 Max Horz 2=107(load case 5)
 Max Uplift 2=-211(load case 5), 3=-11(load case 1)
 Max Grav 2=247(load case 1), 4=27(load case 1), 3=33(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-51/15
 BOT CHORD 2-4=0/0

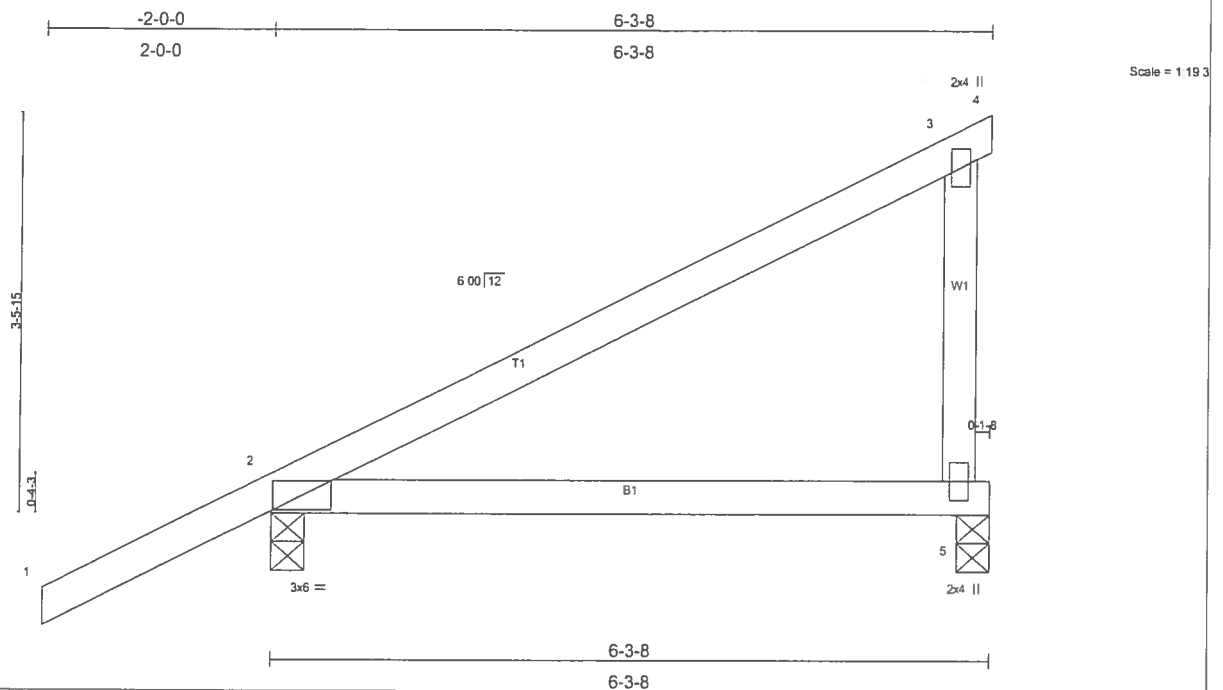
JOINT STRESS INDEX
 2 = 0.12

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 211 lb uplift at joint 2 and 11 lb uplift at joint 3.

LOAD CASE(S) Standard



Job L160425	Truss EJ6	Truss Type MONO TRUSS	Qty 3	Ply 1	WOODMAN PARK - LOT 34 EC
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6,200 s Jul 13 2005 MiTek Industries, Inc. Thu Apr 20 14:35:29 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.34	Vert(LL)	0.19	2-5	>362	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.36	Vert(TL)	0.17	2-5	>423	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCLL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 28 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=384/0-3-8, 5=229/0-3-8
 Max Horz 2=208(load case 5)
 Max Uplift 2=275(load case 5), 5=188(load case 5)

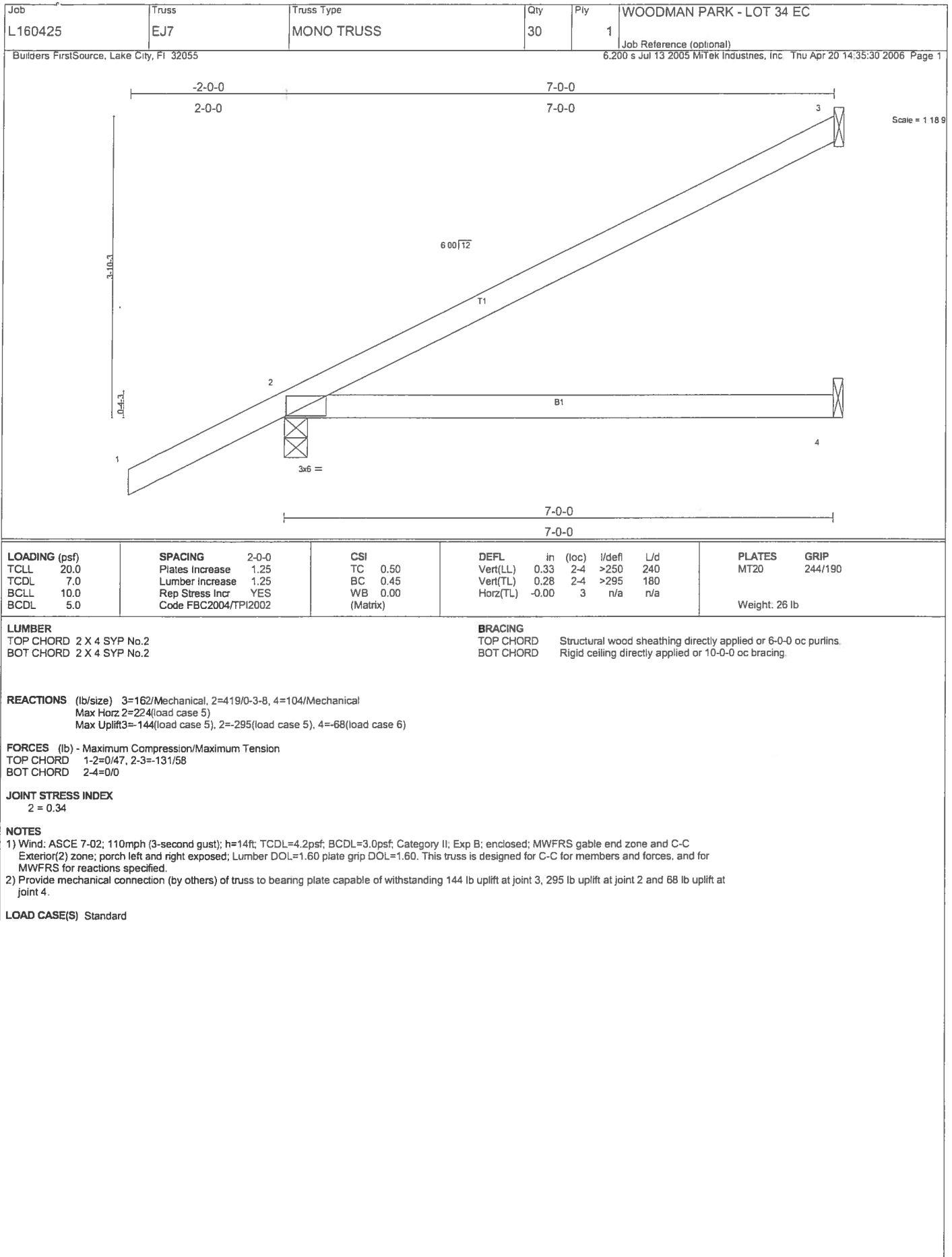
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-111/49, 3-4=-2/0, 3-5=-141/188
 BOT CHORD 2-5=0/0

JOINT STRESS INDEX
 2 = 0.16, 3 = 0.10 and 5 = 0.11

NOTES

- 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 275 lb uplift at joint 2 and 188 lb uplift at joint 5.

LOAD CASE(S) Standard



Job L160425	Truss EJ7A	Truss Type COMMON	Qty 1	Ply 1	WOODMAN PARK - LOT 34 EC
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc Tnu Apr 20 14:35:30 2006 Page 1		

Scale = 1/18"

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.38	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.16	Vert(LL) -0.04 2-5 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.07	Vert(TL) -0.07 2-5 >999 180		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)	Horz(TL) 0.00 5 n/a n/a		
				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, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
--	---

REACTIONS (lb/size) 2=411/0-3-8, 5=258/Mechanical
 Max Horz 2=169(load case 5)
 Max Uplift 2=228(load case 5), 5=83(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-214/77, 3-4=-72/0, 4-5=-73/47
 BOT CHORD 2-5=-100/136
 WEBS 3-5=-190/280

JOINT STRESS INDEX
 2 = 0.47, 3 = 0.50, 4 = 0.27 and 5 = 0.87

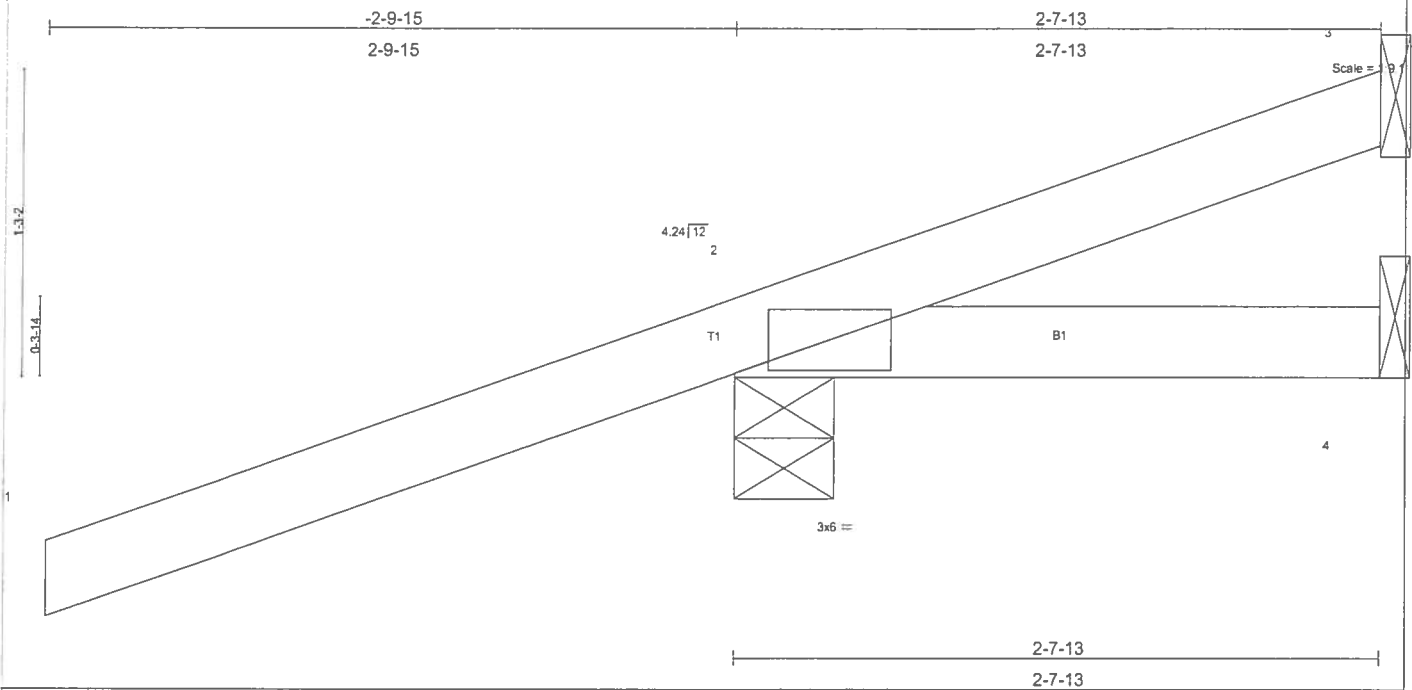
NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02: 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 228 lb uplift at joint 2 and 83 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - LOT 34 EC
L160425	HJ2	MONO TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 Mitek Industries, Inc. Thu Apr 20 14:35:31 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.53	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.04	Vert(TL)	-0.00	2-4	>999	180		
BCCL 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/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 2-7-13 oc purins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-40/Mechanical, 2=368/0-4-15, 4=36/Mechanical

Max Horz 2=106(load case 2)

Max Uplift 3=-40(load case 1), 2=-321(load case 2)

Max Grav 3=68(load case 2), 2=368(load case 1), 4=36(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/50, 2-3=62/24

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.14

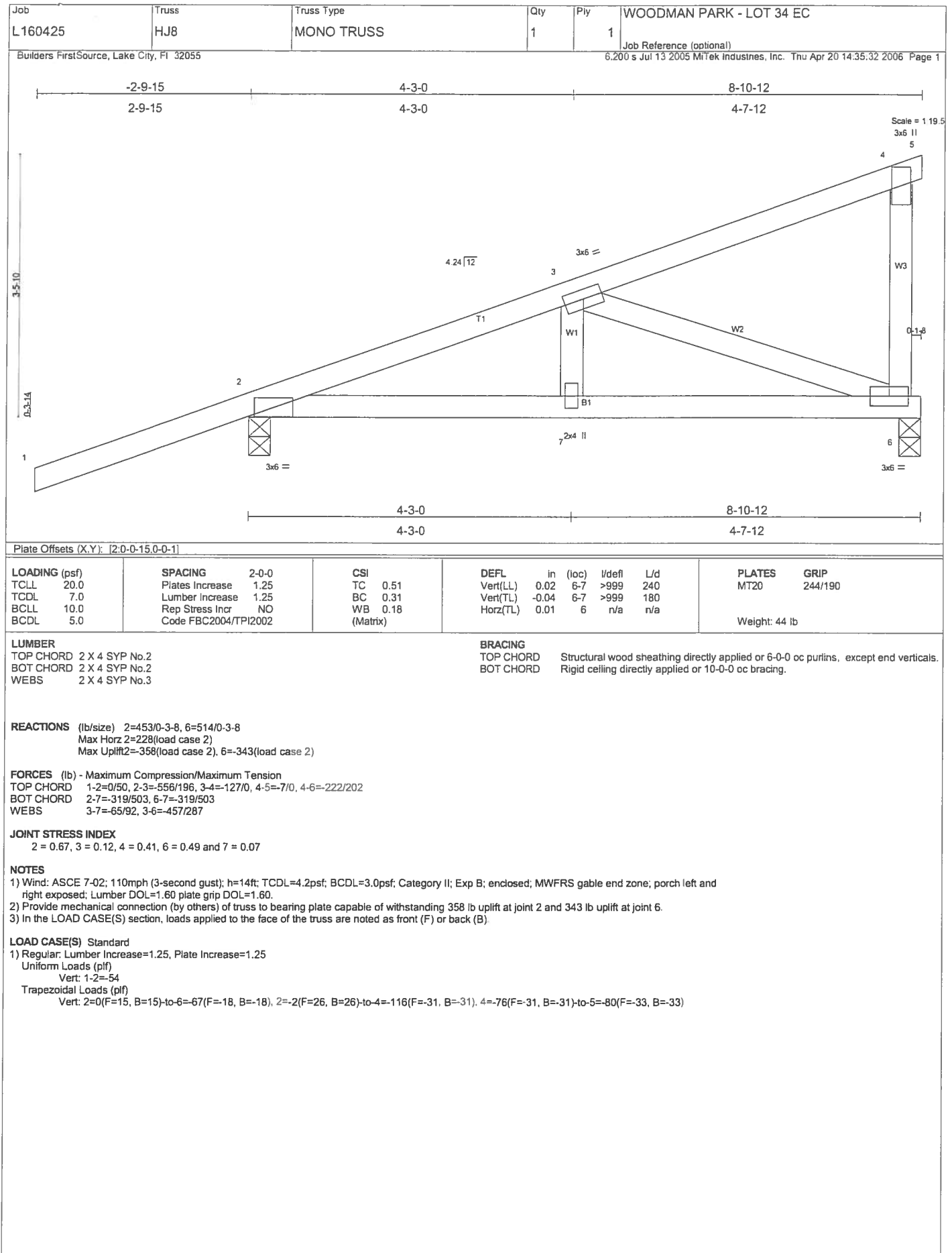
NOTES

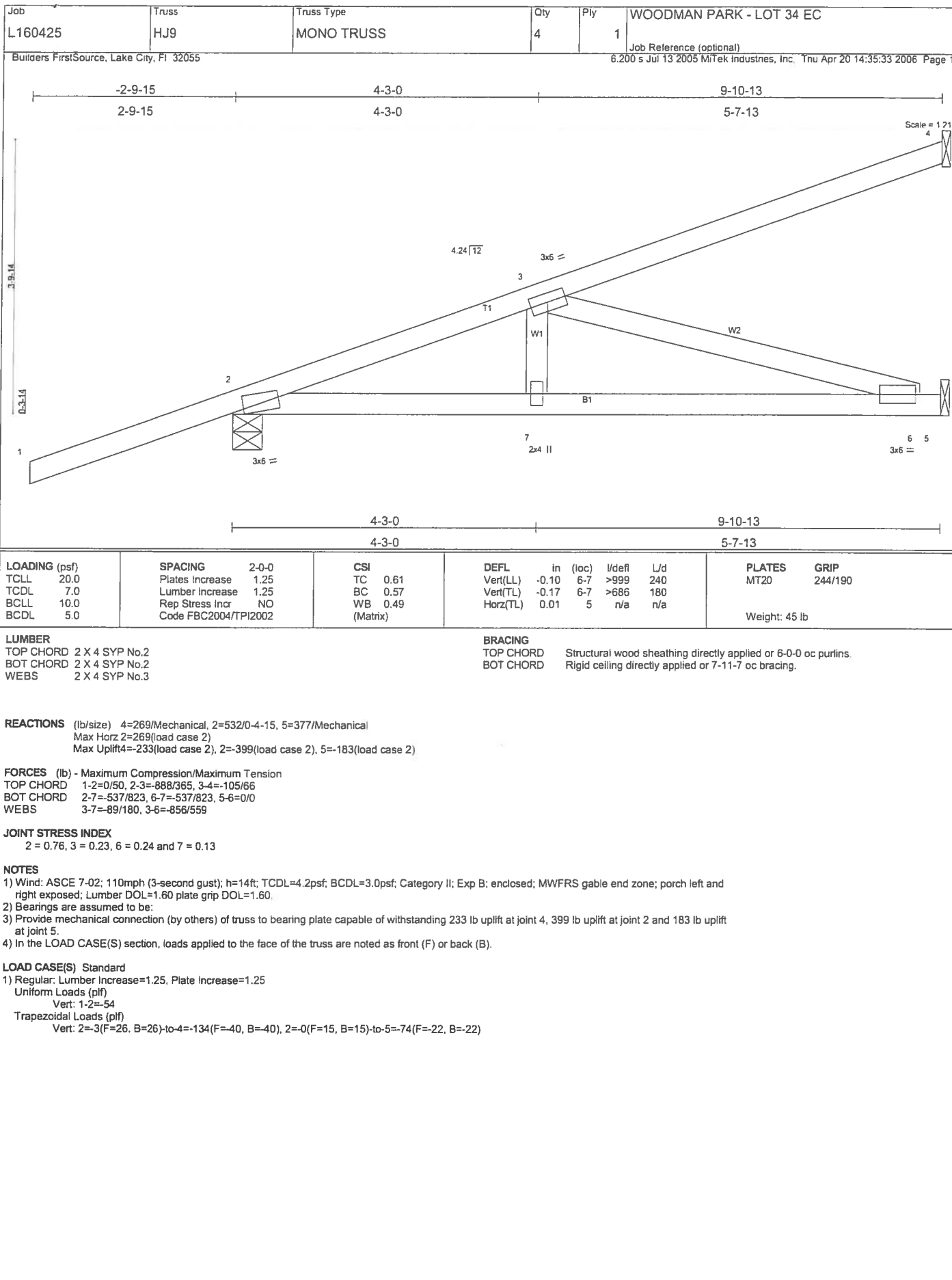
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber

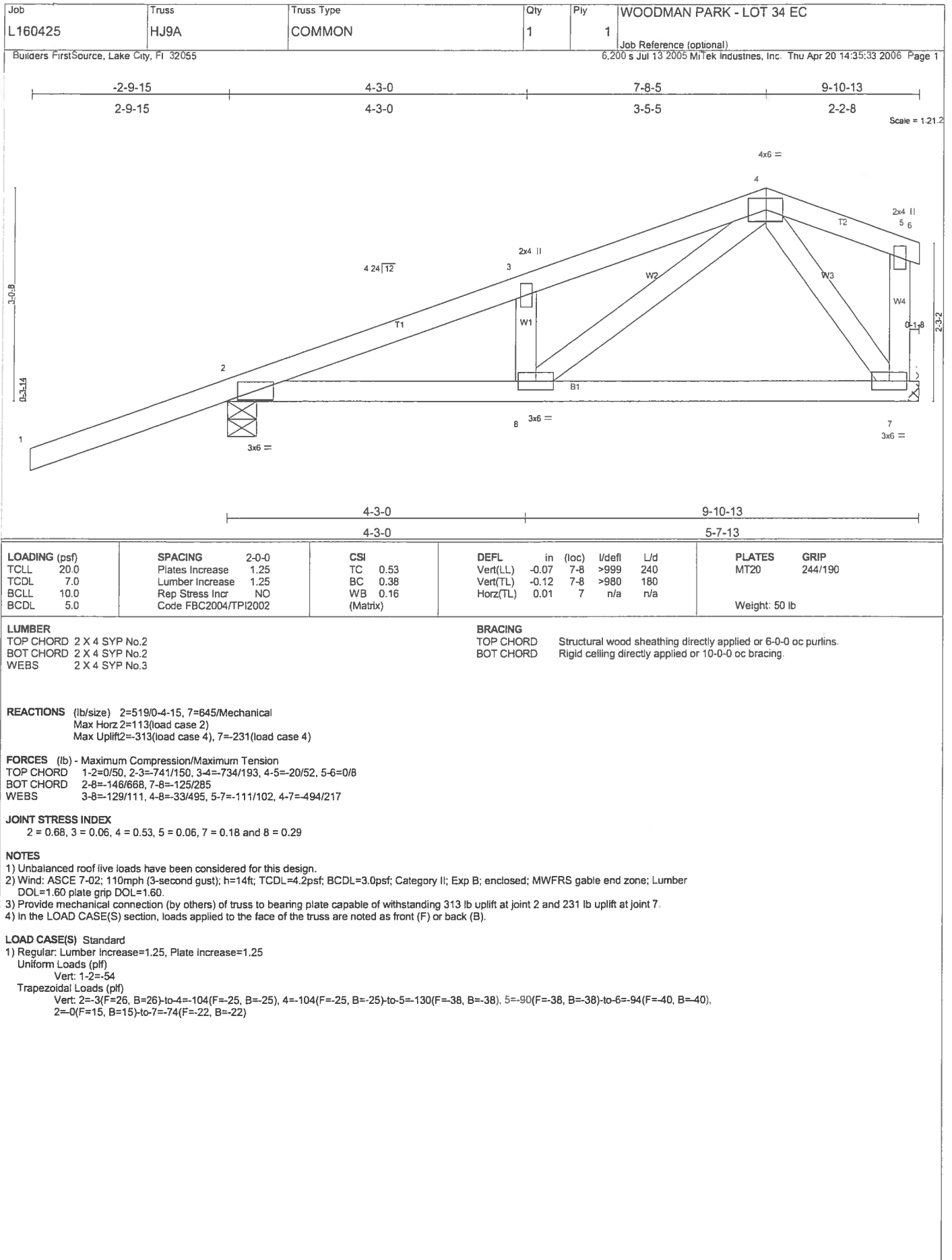
DOL=1.60 plate grip DOL=1.60.

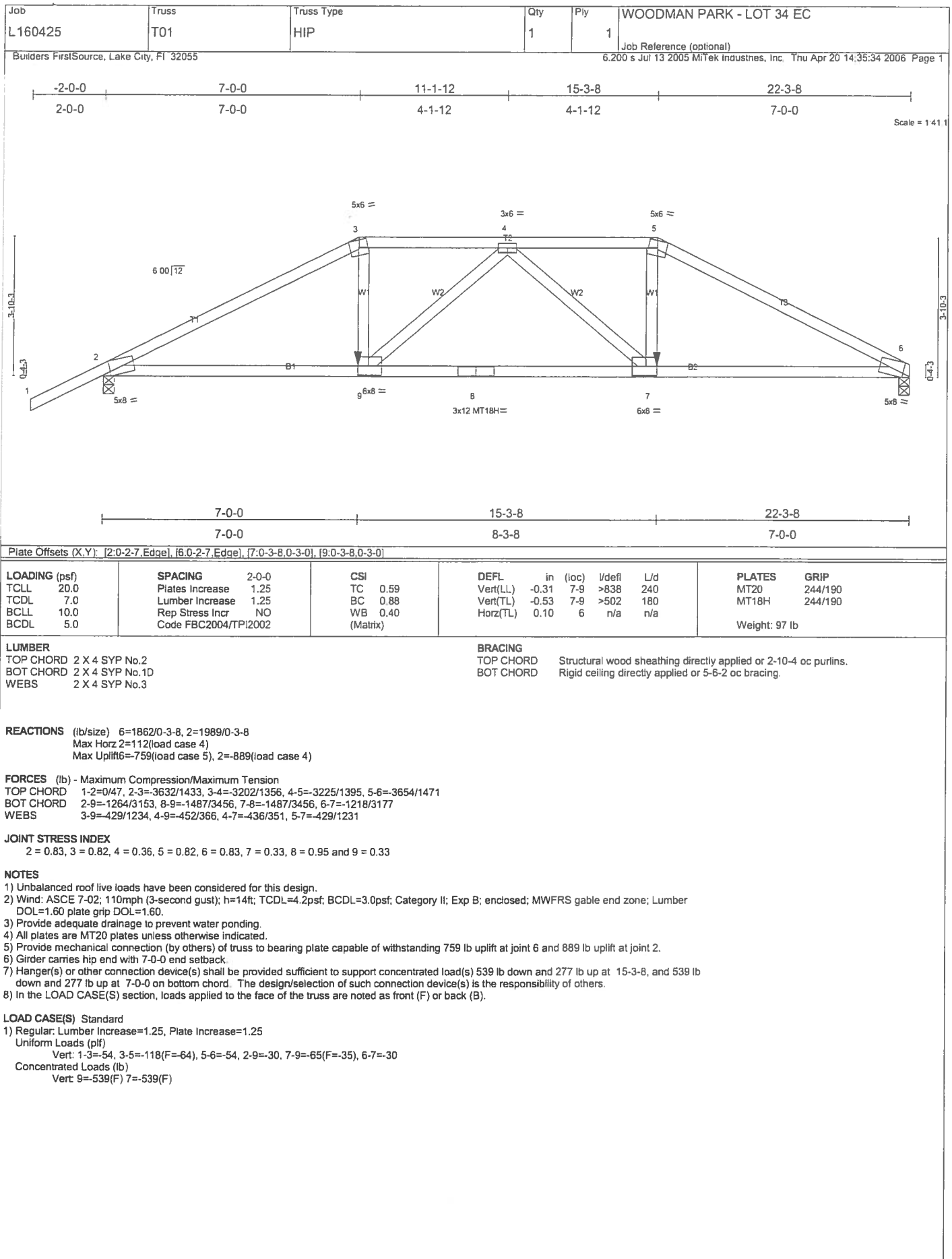
2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 40 lb uplift at joint 3 and 321 lb uplift at joint 2.

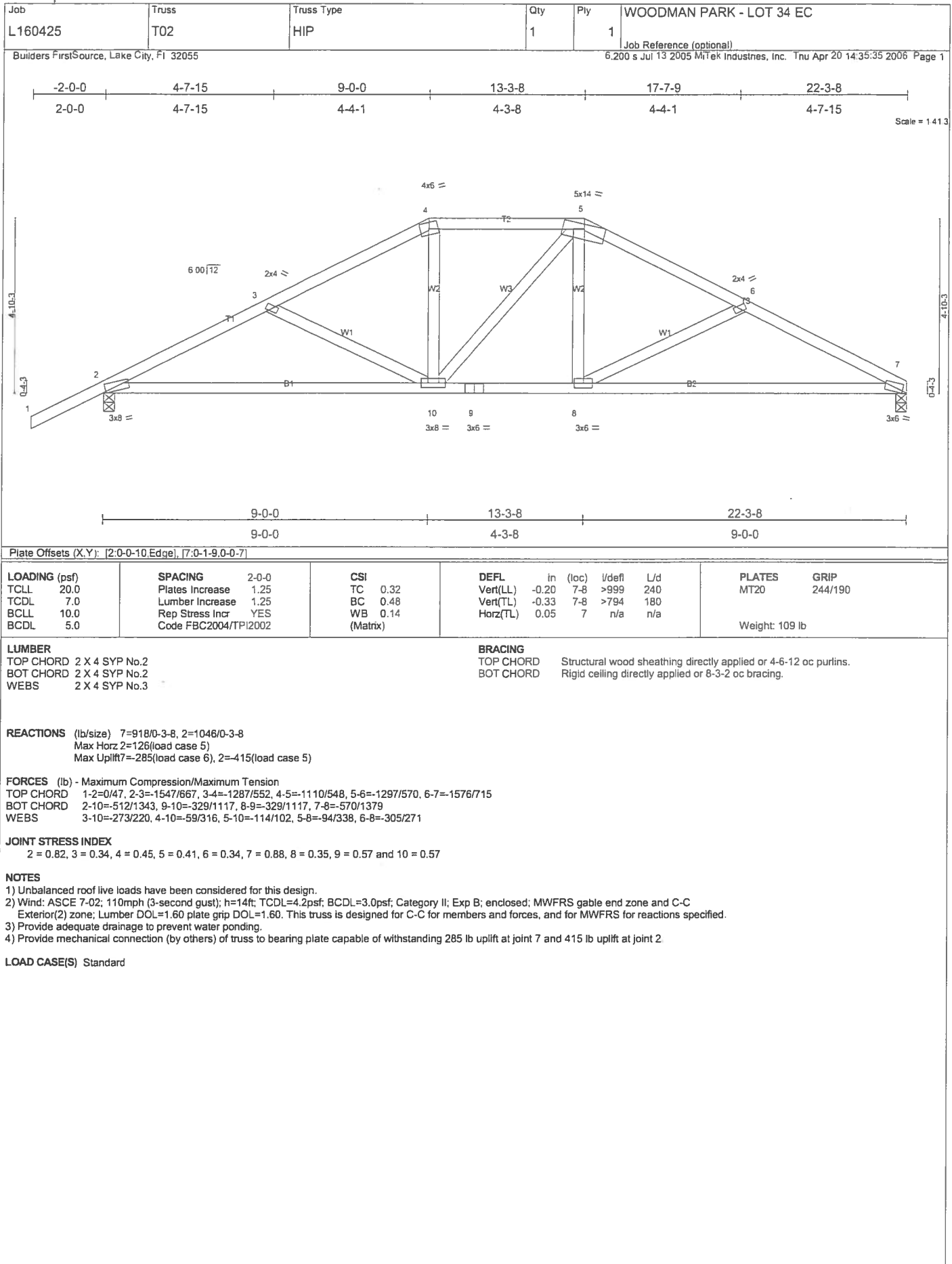
LOAD CASE(S) Standard

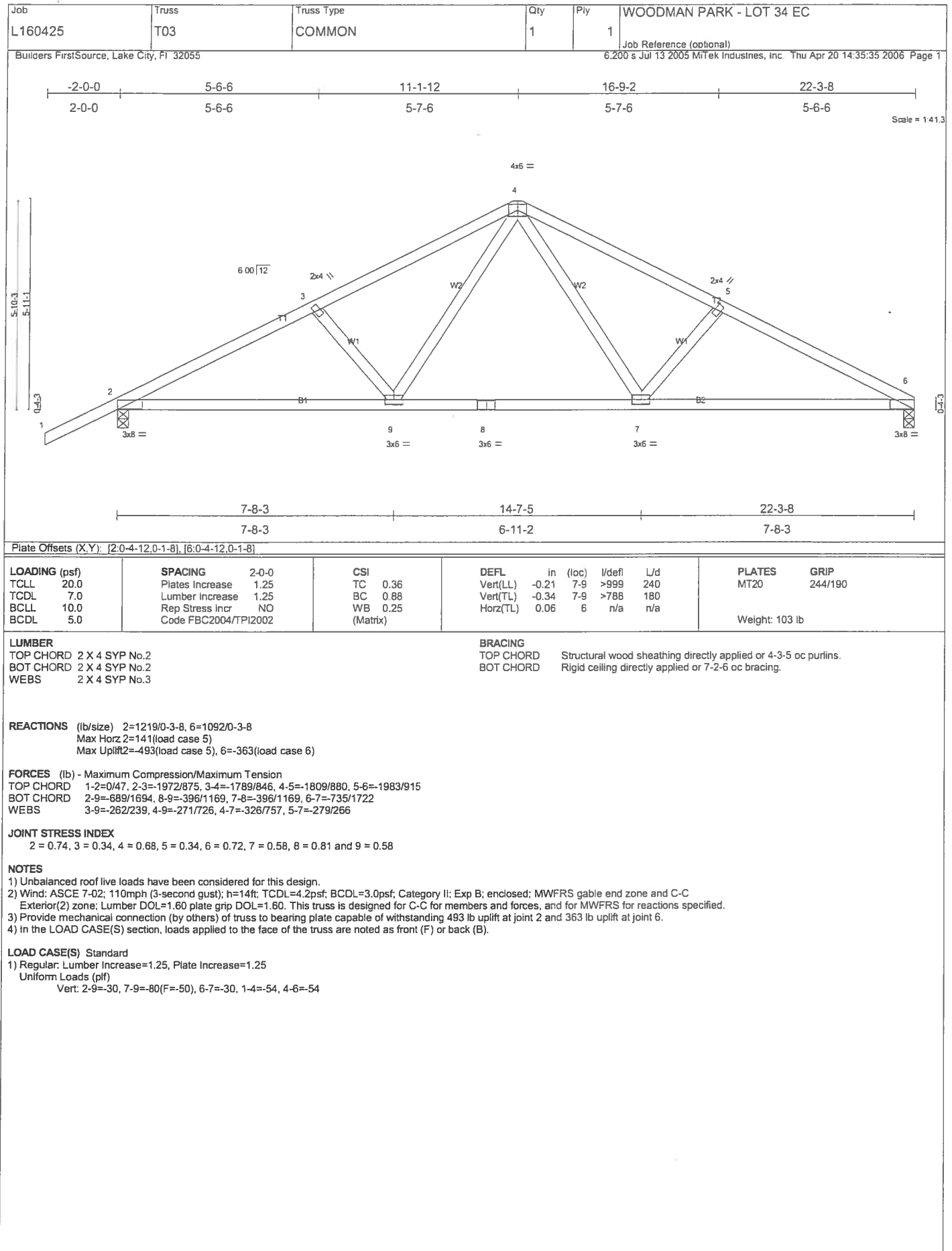


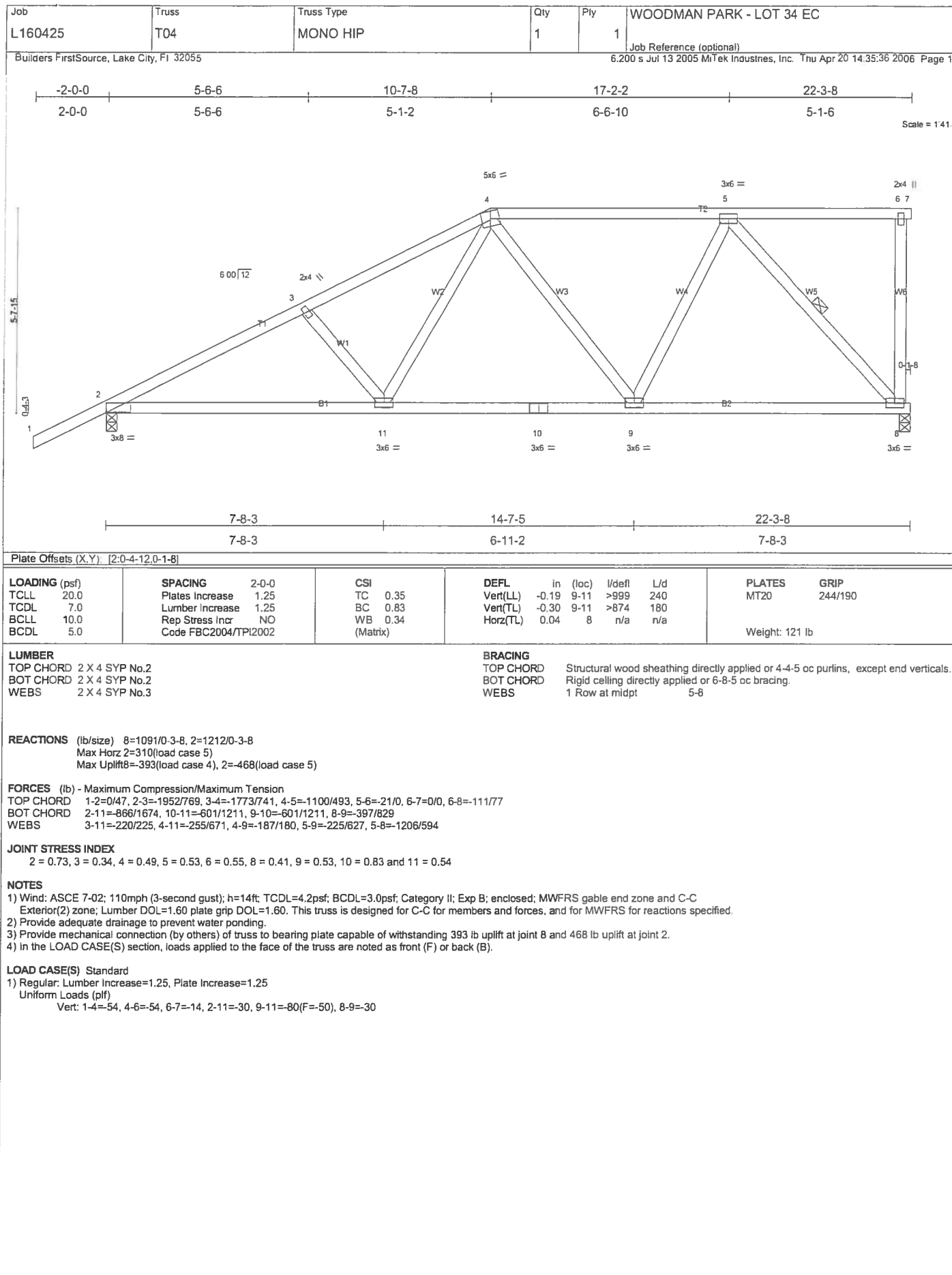


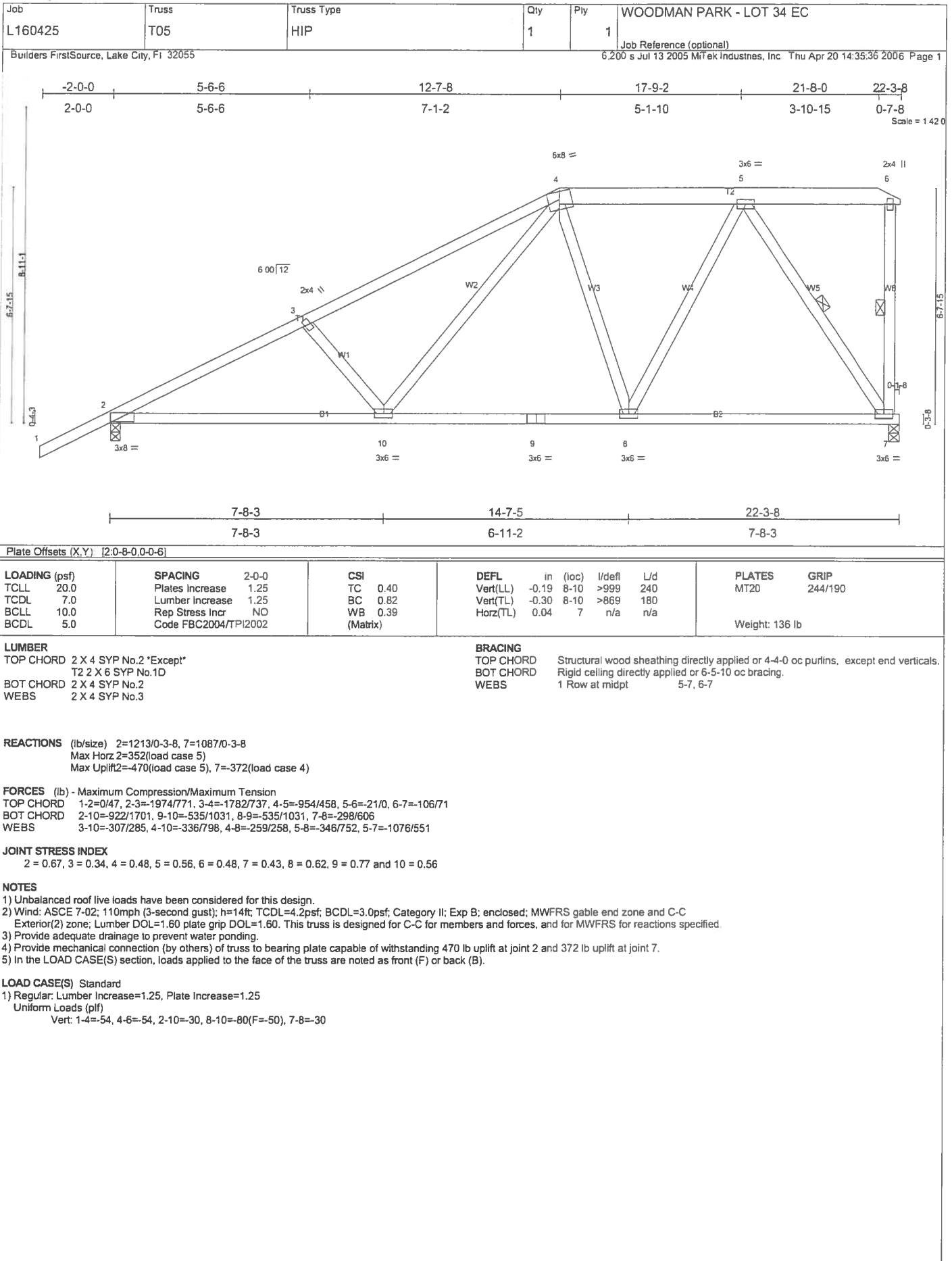


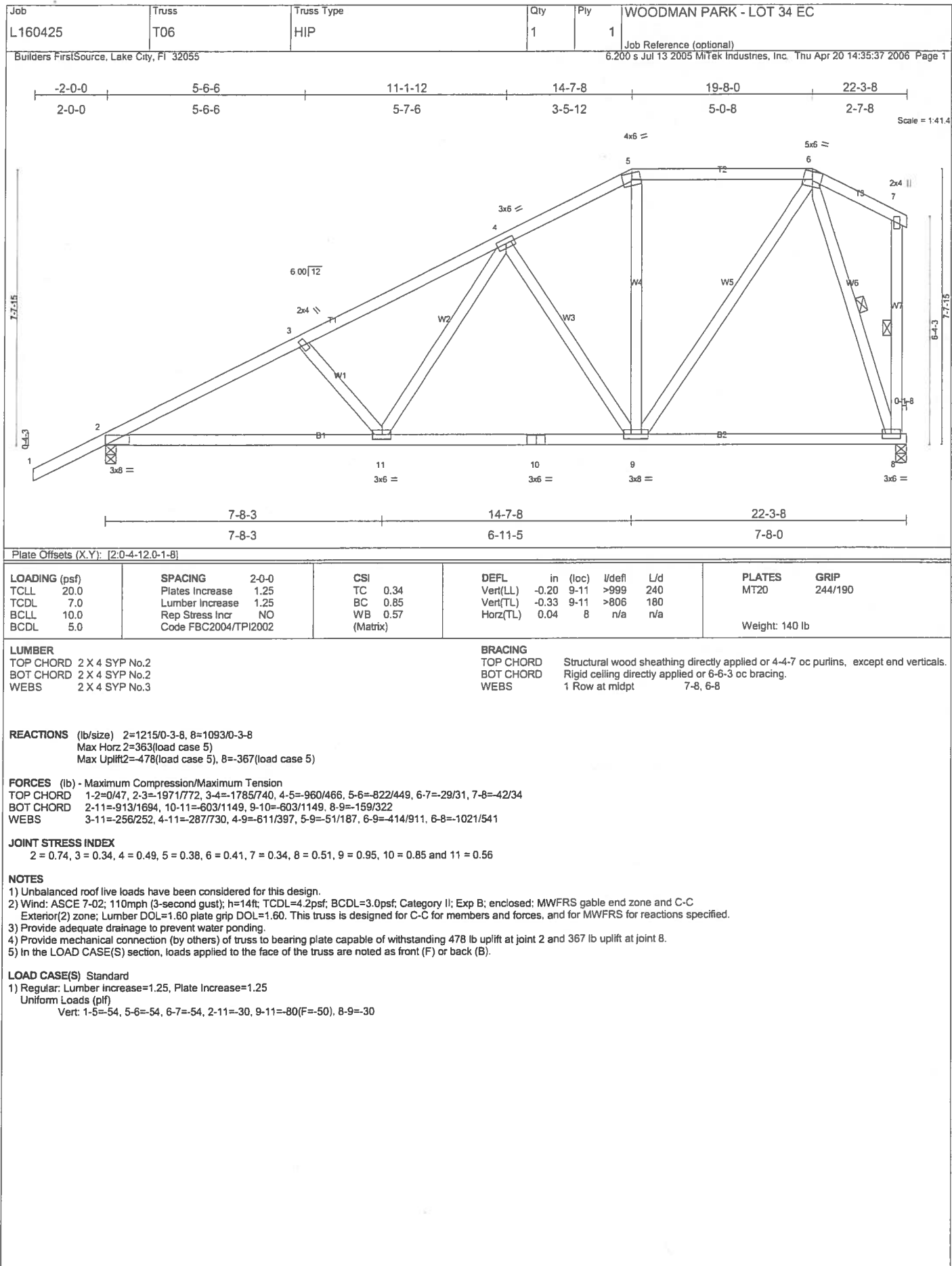


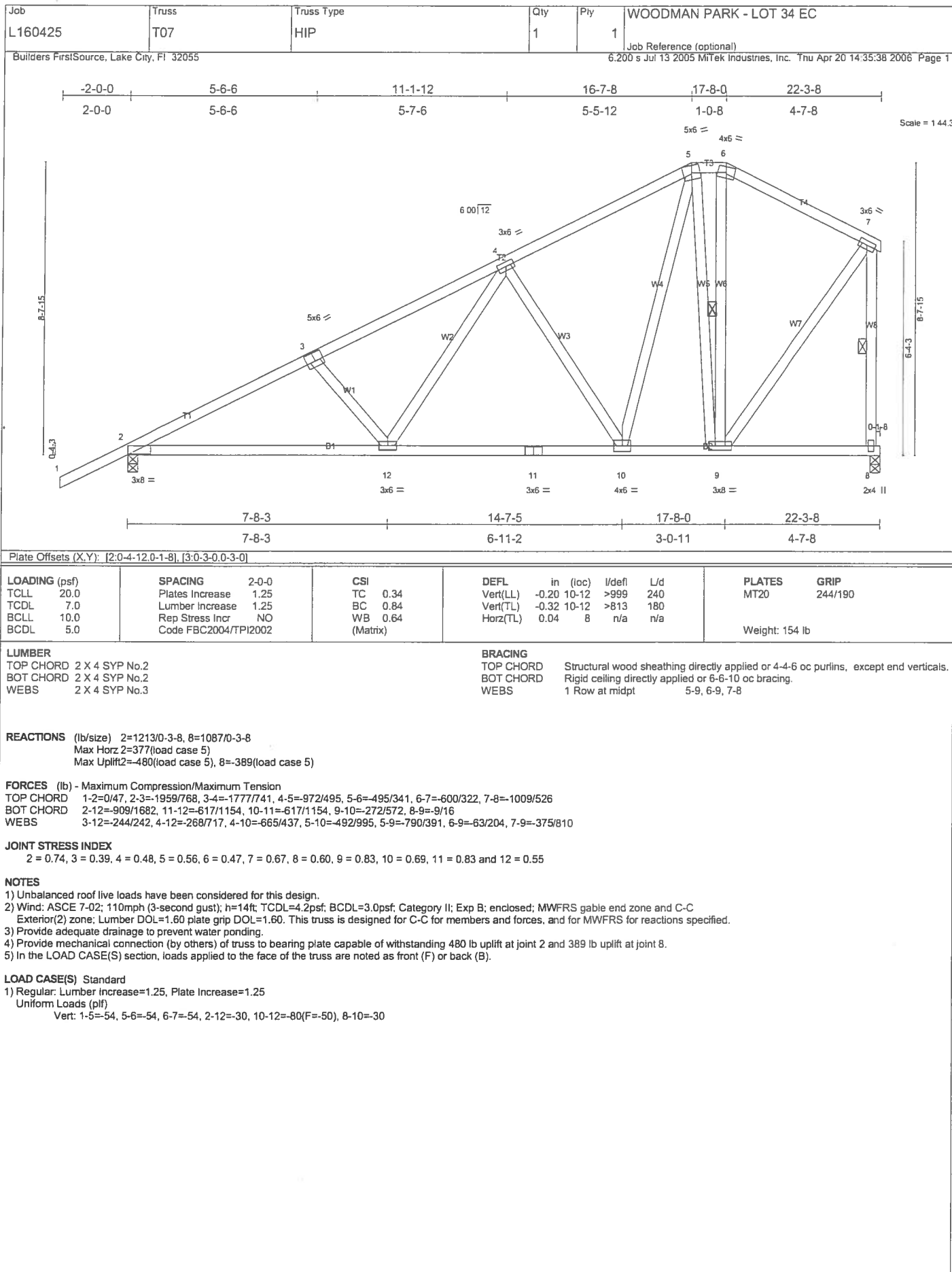


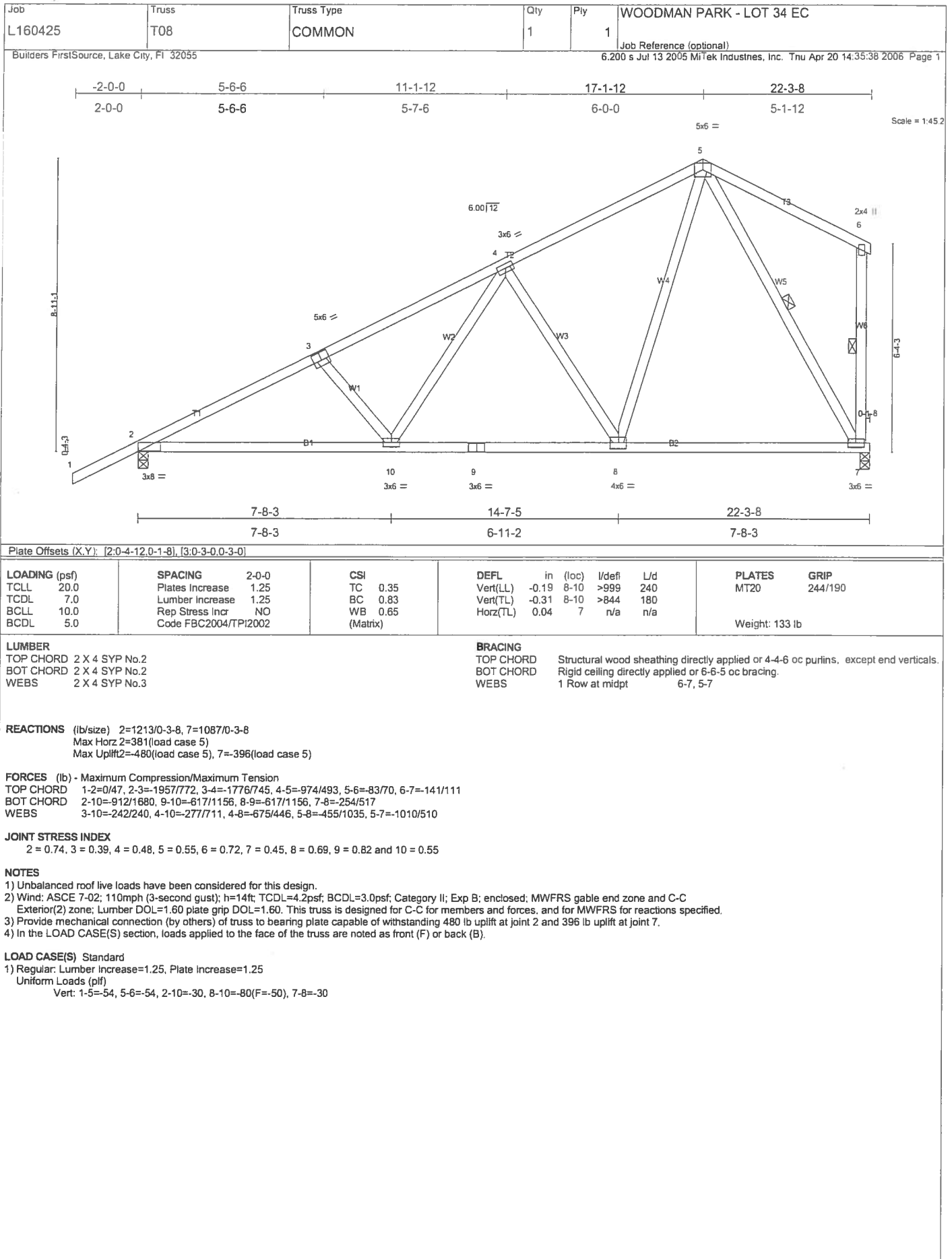


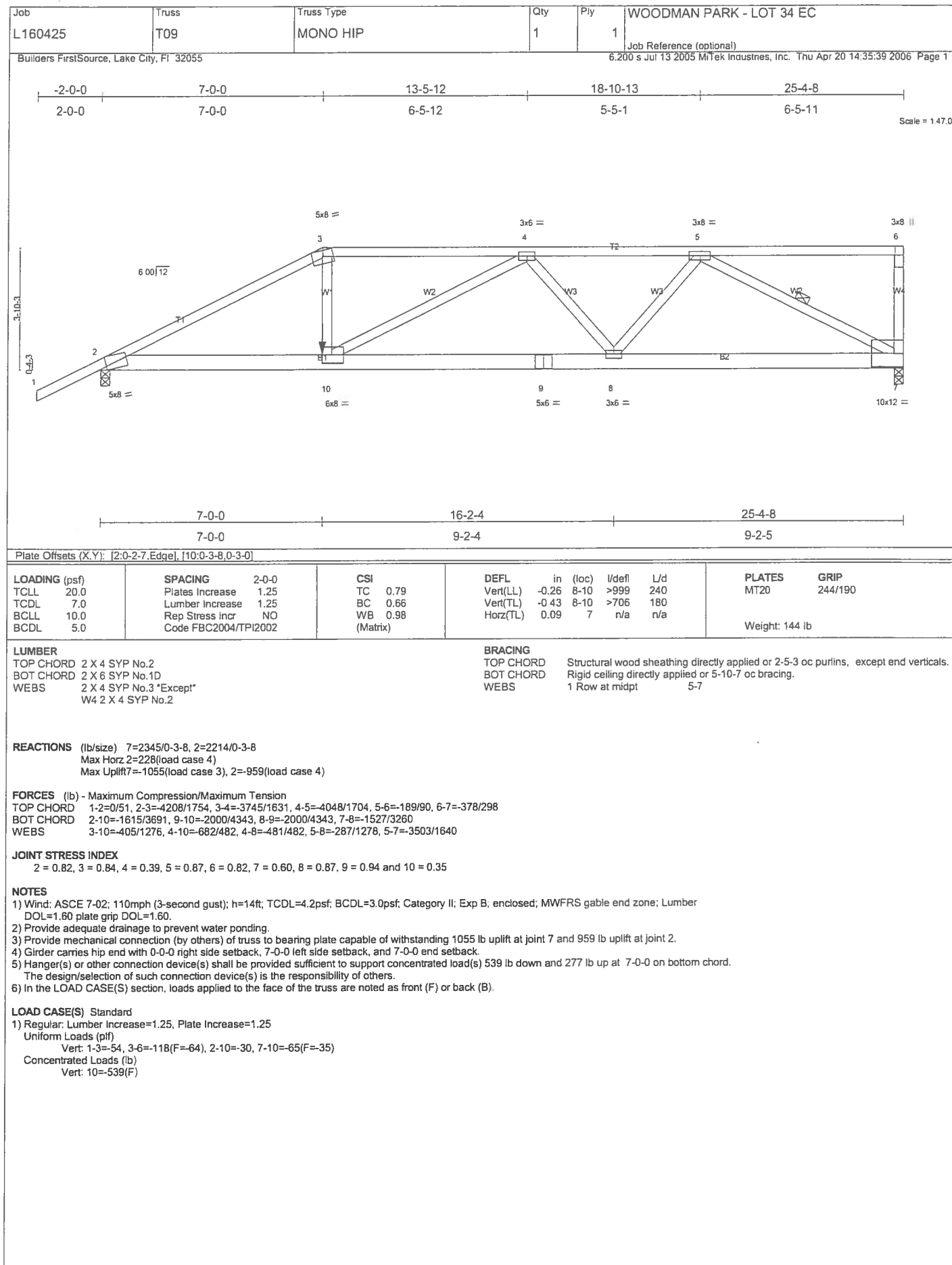


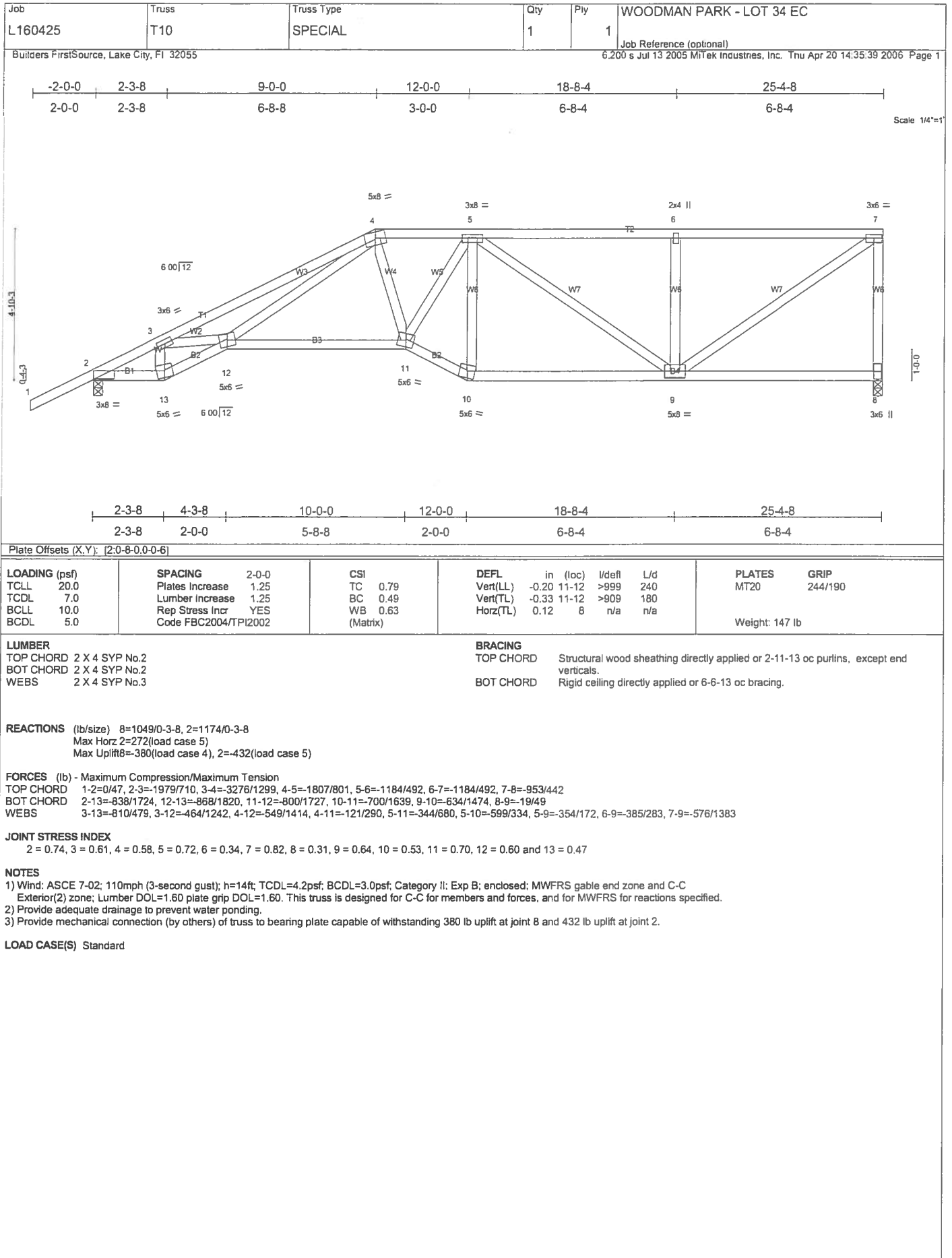












Job L160425	Truss T11	Truss Type SPECIAL	Qty 1	Ply 1	WOODMAN PARK - LOT 34 EC
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

6.200 s Jul 13 2005 MiTek Industries, Inc. Tru Apr 20 14:35:40 2006 Page 1

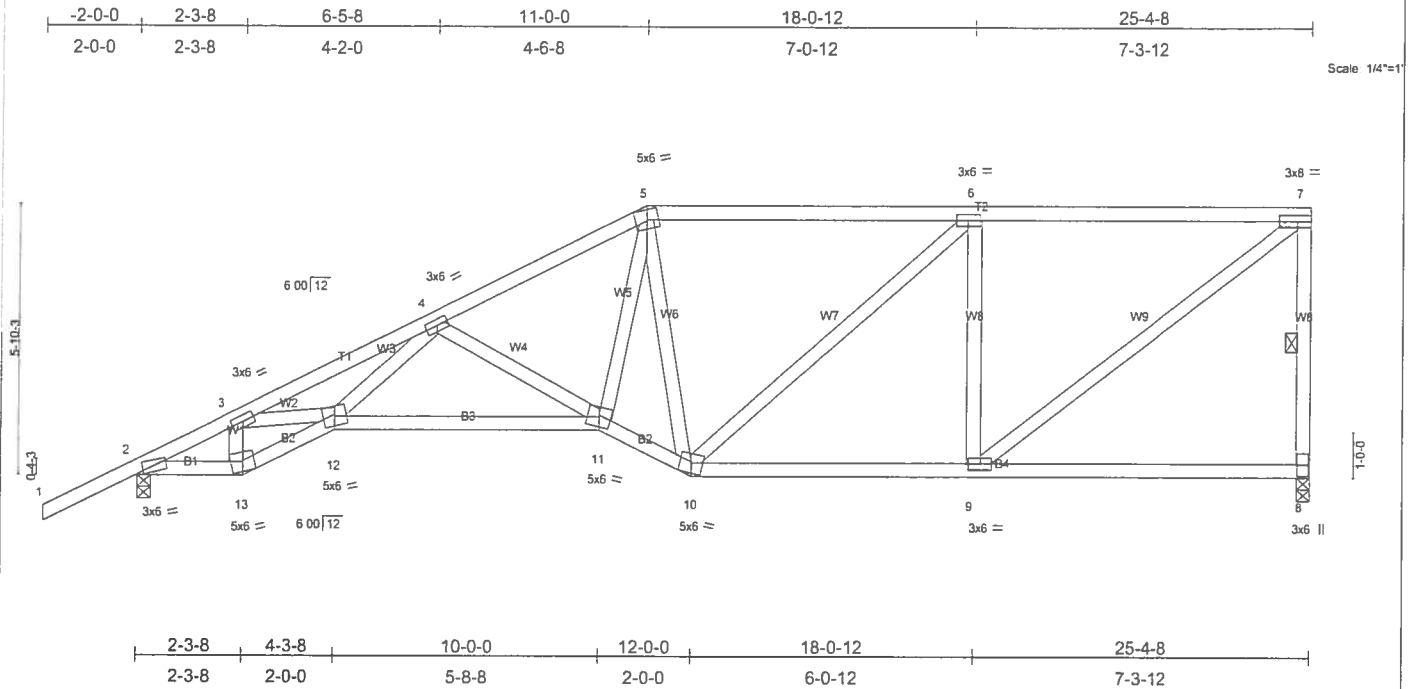


Plate Offsets (X,Y): [2:0-1:13:0-0-7]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.57	Vert(LL)	-0.18	11-12	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.54	Vert(TL)	-0.29	11-12	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.77	Horz(TL)	0.11	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 151 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 3-2-10 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-15 oc bracing.
 WEBS 1 Row at midpt 7-8

REACTIONS (lb/size) 8=1049/0-3-8, 2=1174/0-3-8
 Max Horz 2=318(load case 5)
 Max Uplift 8=372(load case 4), 2=440(load case 5)

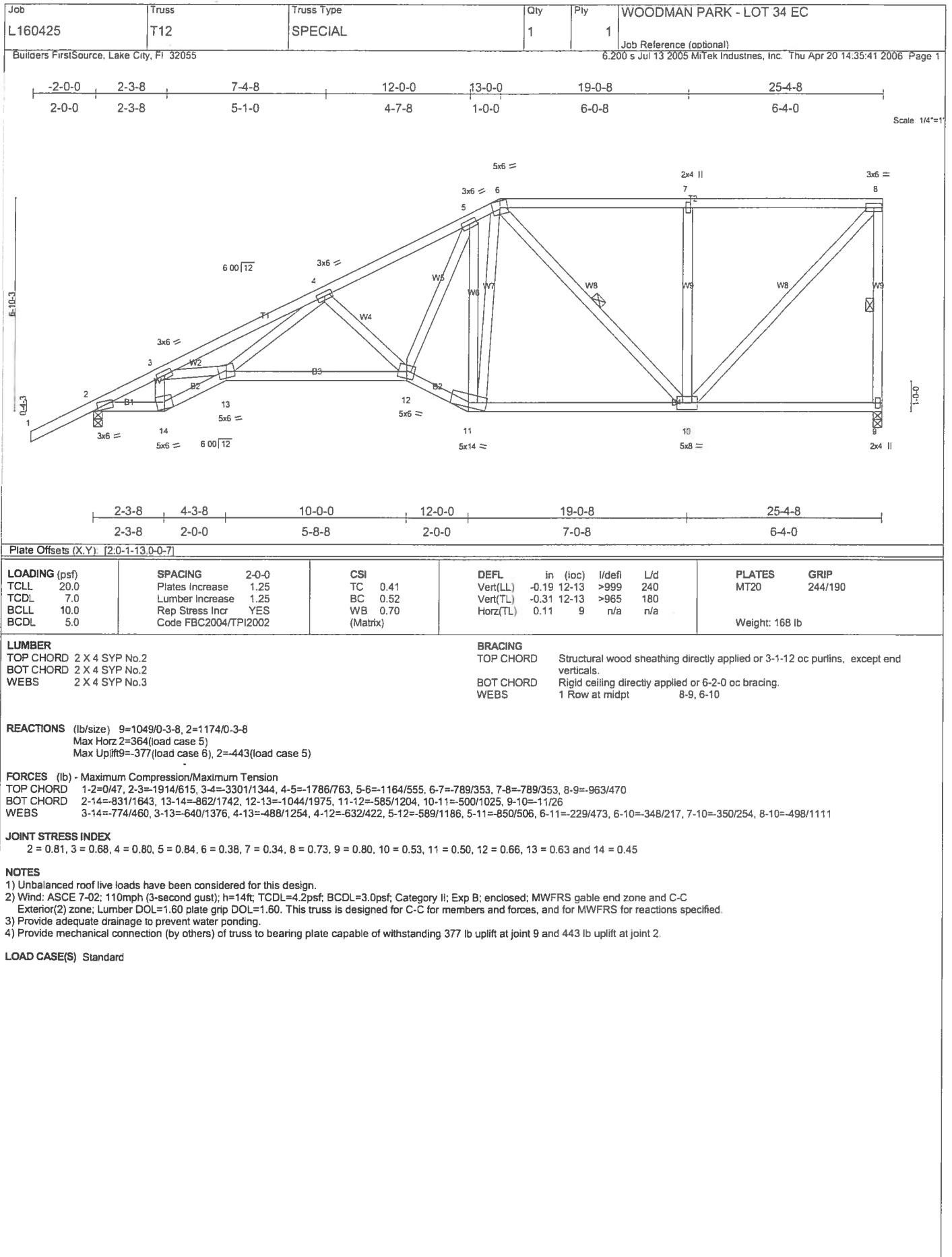
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1903/614, 3-4=-3319/1338, 4-5=-1793/751, 5-6=-1189/543, 6-7=-1031/447, 7-8=-941/457
 BOT CHORD 2-13=-772/1630, 12-13=-801/1732, 11-12=-1080/2142, 10-11=-686/1478, 9-10=-447/1031, 8-9=-18/47
 WEBS 3-13=-769/429, 3-12=-650/1409, 4-12=-413/1147, 4-11=-688/420, 5-11=-515/1169, 5-10=-693/410, 6-10=-130/214, 6-9=-556/386, 7-9=-543/1246

JOINT STRESS INDEX
 2 = 0.81, 3 = 0.69, 4 = 0.74, 5 = 0.72, 6 = 0.36, 7 = 0.62, 8 = 0.36, 9 = 0.74, 10 = 0.40, 11 = 0.68, 12 = 0.68 and 13 = 0.44

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) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 372 lb uplift at joint 8 and 440 lb uplift at joint 2.

LOAD CASE(S) Standard



Job L160425	Truss T13	Truss Type SPECIAL	Qty 1	Ply 1	WOODMAN PARK - LOT 34 EC
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Apr 20 14:35:41 2006 Page 1		

Job Reference (optional)

Top Chord Dimensions:
-2-0-0 | 2-3-8 | 7-4-8 | 12-0-0 | 15-0-0 | 21-3-10 | 25-4-8
2-0-0 | 2-3-8 | 5-1-0 | 4-7-8 | 3-0-0 | 6-3-11 | 4-0-14

Bottom Chord Dimensions:
2-3-8 | 4-3-8 | 10-0-0 | 12-0-0 | 18-1-13 | 25-4-8
2-3-8 | 2-0-0 | 5-8-8 | 2-0-0 | 6-1-13 | 7-2-11

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.38	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.52	Vert(LL) -0.19 13-14 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.69	Vert(TL) -0.31 13-14 >969 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.12 10 n/a n/a		
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 3-1-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-11 oc bracing.
WEBS 1 Row at midpt 9-10, 7-11, 8-10

REACTIONS (lb/size) 10=1049/0-3-8, 2=1174/0-3-8
Max Horz 2=410(load case 5)
Max Uplift 10=-350(load case 4), 2=-443(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-1915/592, 3-4=-3299/1337, 4-5=-3258/1349, 5-6=-1787/747, 6-7=-1244/590, 7-8=-706/323, 8-9=-14/0, 9-10=-78/49
BOT CHORD 2-15=-862/1645, 14-15=-895/1743, 13-14=-1083/1975, 12-13=-617/1211, 11-12=-436/853, 10-11=-232/468
WEBS 3-15=-774/475, 3-14=-666/1372, 5-14=-509/1252, 5-13=-627/427, 6-13=-603/1203, 6-12=-1035/620, 7-12=-358/661, 7-11=-382/291, 8-11=-238/618, 8-10=-985/503

JOINT STRESS INDEX
2 = 0.81, 3 = 0.67, 4 = 0.63, 5 = 0.80, 6 = 0.85, 7 = 0.36, 8 = 0.54, 9 = 0.38, 10 = 0.46, 11 = 0.54, 12 = 0.42, 13 = 0.66, 14 = 0.63 and 15 = 0.45

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) Provide adequate drainage to prevent water ponding.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 350 lb uplift at joint 10 and 443 lb uplift at joint 2.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - LOT 34 EC
L160425	T14	SPECIAL	1	1	
Buildings Profile/Source: Lott 34 - E1 60425					Job Reference (optional)

6:200 s. Jul 13 2005 Mitak Industries, Inc. Thu Apr 20 14:35:43 2006 Page 1

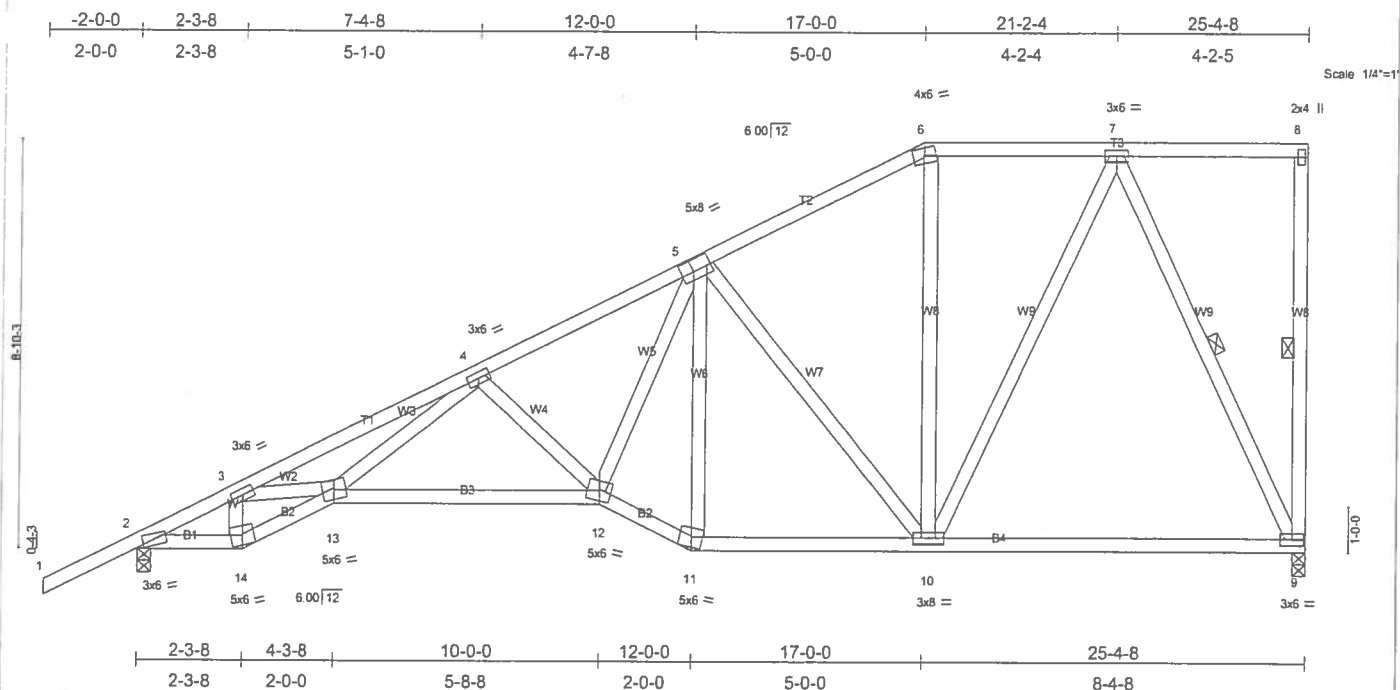


Plate Offsets (X,Y): [2-0-1-13-0-0-7], [5-0-3-0-0-3-0]											
LOADING (psf)		SPACING 2-0-0		CSI		DEFL				PLATES GRIP	
TCLL	20.0	Plates Increase	1.25	TC	0.39	in	(loc)	l/defl	L/d	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(LL)	-0.18 12-13	>999	240		
BCLL	10.0	Rep Stress Incr	YES	WB	0.68	Vert(TL)	-0.30 12-13	>999	180		
BCDL	5.0	Code FBC2004/TP12002		(Matrix)		Horz(TL)	0.12 9	n/a	n/a		
Weight: 178 lb											

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 3-1-9 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 5-11-13 oc bracing.
WEBS	1 Row at midpt. 8-9, 7-9

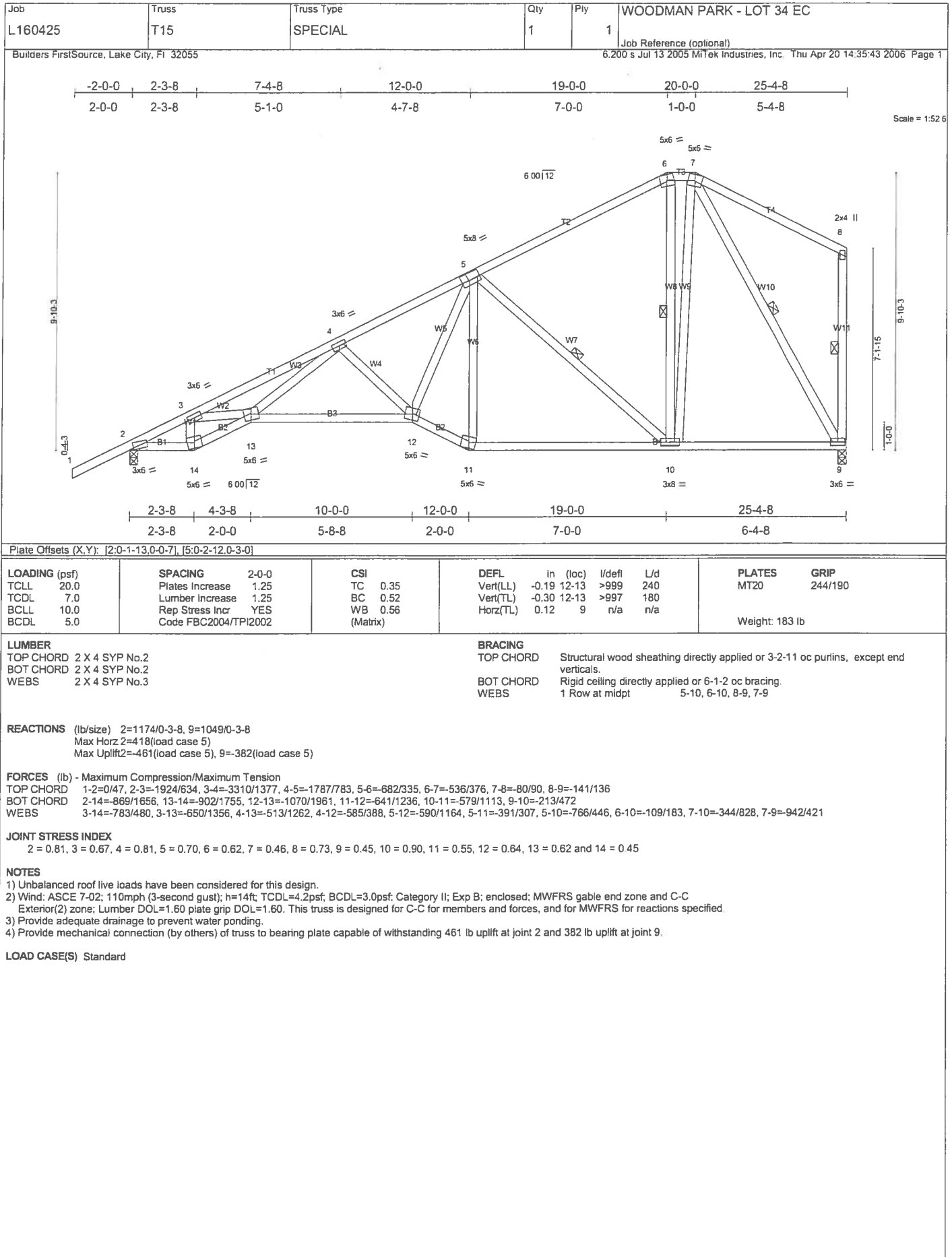
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1922/570, 3-4=-3294/1341, 4-5=-1791/724, 5-6=-840/332, 6-7=-699/351, 7-8=-18/1, 8-9=-107/69
 BOT CHORD 2-14=-895/1653, 13-14=-930/1571, 12-13=-1109/1967, 11-12=-677/1267, 10-11=-605/1107, 9-10=-214/409
 WEBS 3-14=-777/491, 1-3=-677/1351, 4-13=-531/1252, 4-12=-597/406, 5-12=-606/1217, 5-11=-494/304, 5-10=-627/386, 6-10=0/90, 7-10=-322/677, 7-9=-915/498

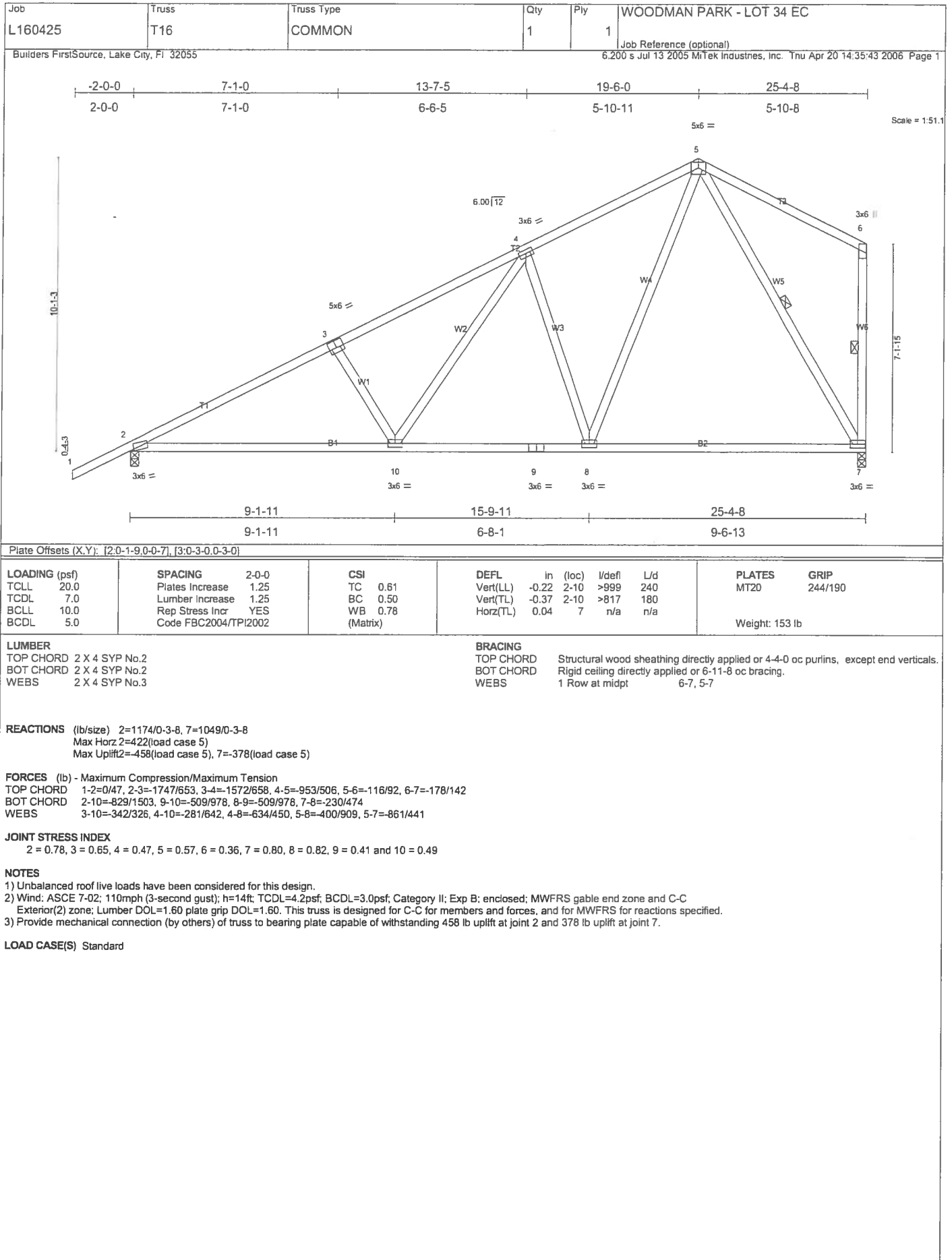
2 = 0.81, 3 = 0.67, 4 = 0.80, 5 = 0.64, 6 = 0.48, 7 = 0.58, 8 = 0.61, 9 = 0.47, 10 = 0.78, 11 = 0.30, 12 = 0.69, 13 = 0.62 and 14 = 0.45

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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) Provide adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 362 lb uplift at joint 9 and 438 lb uplift at joint 2.

LOAD CASE(S) Standard





Job L160425	Truss T17	Truss Type SPECIAL	Qty 1	Ply 2	WOODMAN PARK - LOT 34 EC Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Thu Apr 20 14:35:44 2006 Page 1		

-2-0-0	7-0-0	12-11-9	19-2-3	25-6-4	32-0-0	35-4-8	37-4-8	41-0-0	43-0-0
2-0-0	7-0-0	5-11-9	6-2-10	6-4-2	6-5-12	3-4-8	2-0-0	3-7-8	2-0-0
Scale = 1/16" = 1'-0"									

7-0-0	9-1-12	16-9-6	24-2-11	32-0-0	34-0-0	37-4-8	41-0-0
7-0-0	2-1-12	7-7-10	7-5-4	7-9-5	2-0-0	1-4-8	2-0-0
Plate Offsets (X,Y): [9:0-0-0-3-7], [11:0-3-0-0-2-9]							

LOADING (psf) TCDL 20.0 BCCL 10.0 BCDL 5.0	SPACING Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2004/TP12002	CSI TC 0.48 BC 0.87 WB 0.56 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.29 15-17 >999 240 Vert(TL) -0.45 15-17 >844 180 Horz(TL) 0.09 11 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 476 lb
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LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 6 SYP No.1D WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 4-3-12 oc purlins. BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
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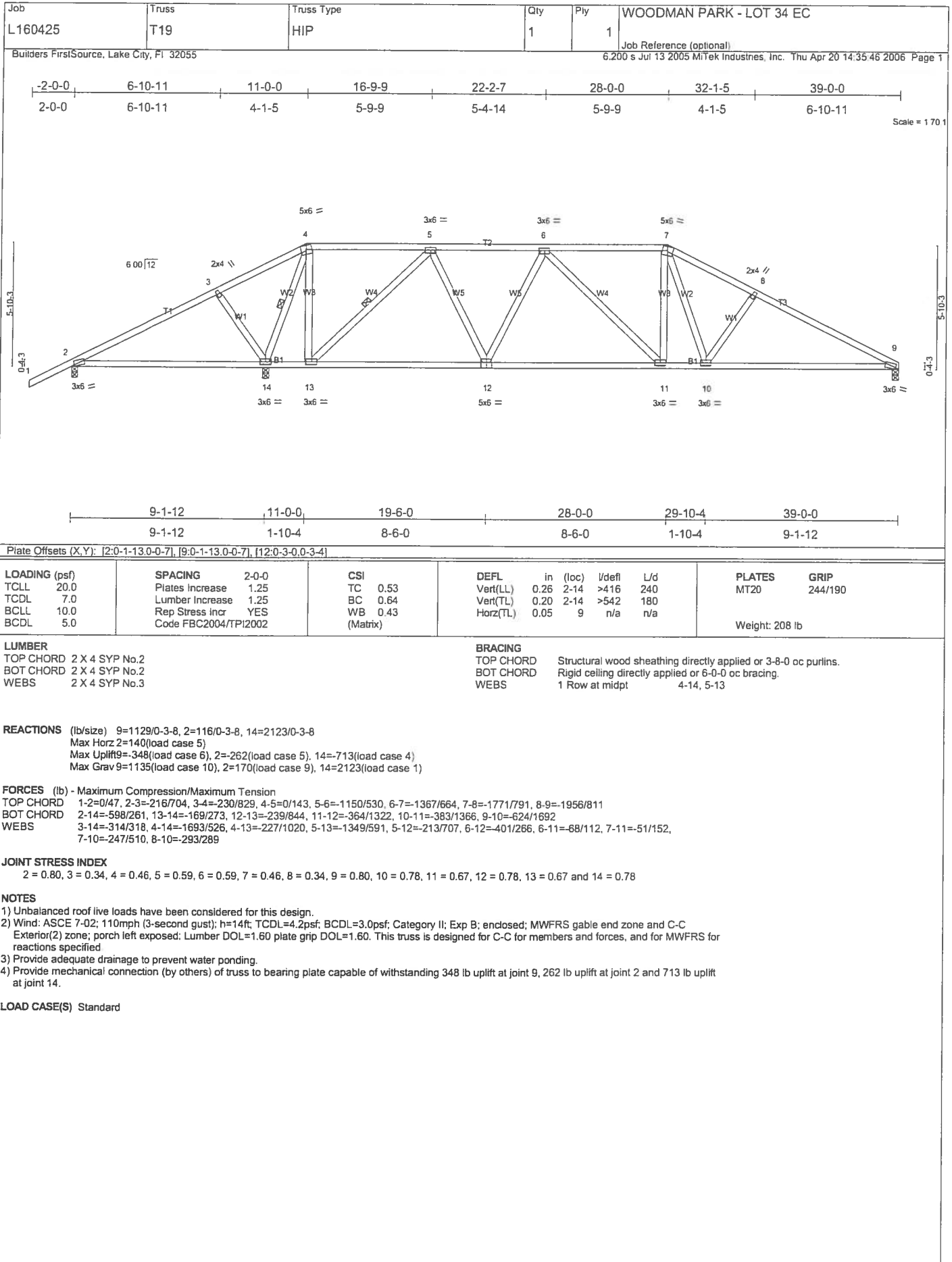
REACTIONS (lb/size) 20=5032/0-3-8, 11=3510/0-3-8
 Max Horz 20=-89(load case 5)
 Max Uplift 20=-2431(load case 4), 11=-1793(load case 5)
 Max Grav 20=5032(load case 1), 11=3585(load case 9)

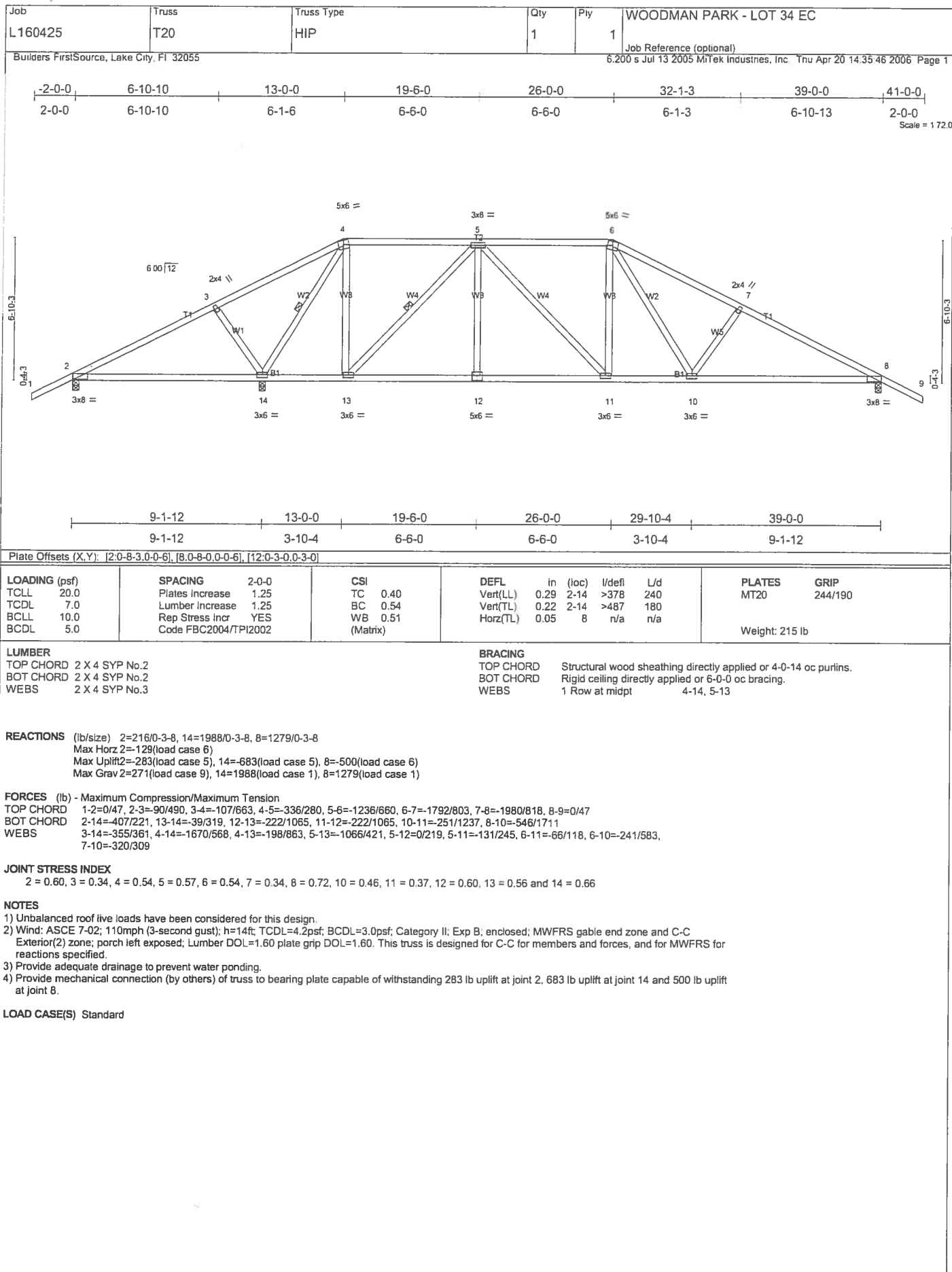
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/50, 2-3=-669/913, 3-4=-1140/1617, 4-5=-4797/2238, 5-6=-7519/3579, 6-7=-7519/3579, 7-8=-7418/3689, 8-9=-8122/3990, 9-10=-6519/3178, 10-11=-7089/3414, 11-12=0/51
 BOT CHORD 2-21=734/732, 20-21=-711/715, 19-20=-1152/2339, 18-19=-1152/2339, 17-18=-2864/6013, 16-17=-3710/7739, 15-16=-3710/7739, 15-22=-4764/9713, 14-22=-4764/9713, 13-14=-4814/9782, 11-13=-2989/6279
 WEBS 3-21=-384/548, 3-20=-1718/1238, 4-20=-4523/2325, 4-18=-1406/3436, 5-18=-2239/1288, 5-17=-901/1961, 7-17=-704/683, 7-15=-367/476, 8-15=-1385/3023, 9-15=-2713/1501, 9-14=-623/853, 9-13=-4518/2388, 10-13=-1416/2934

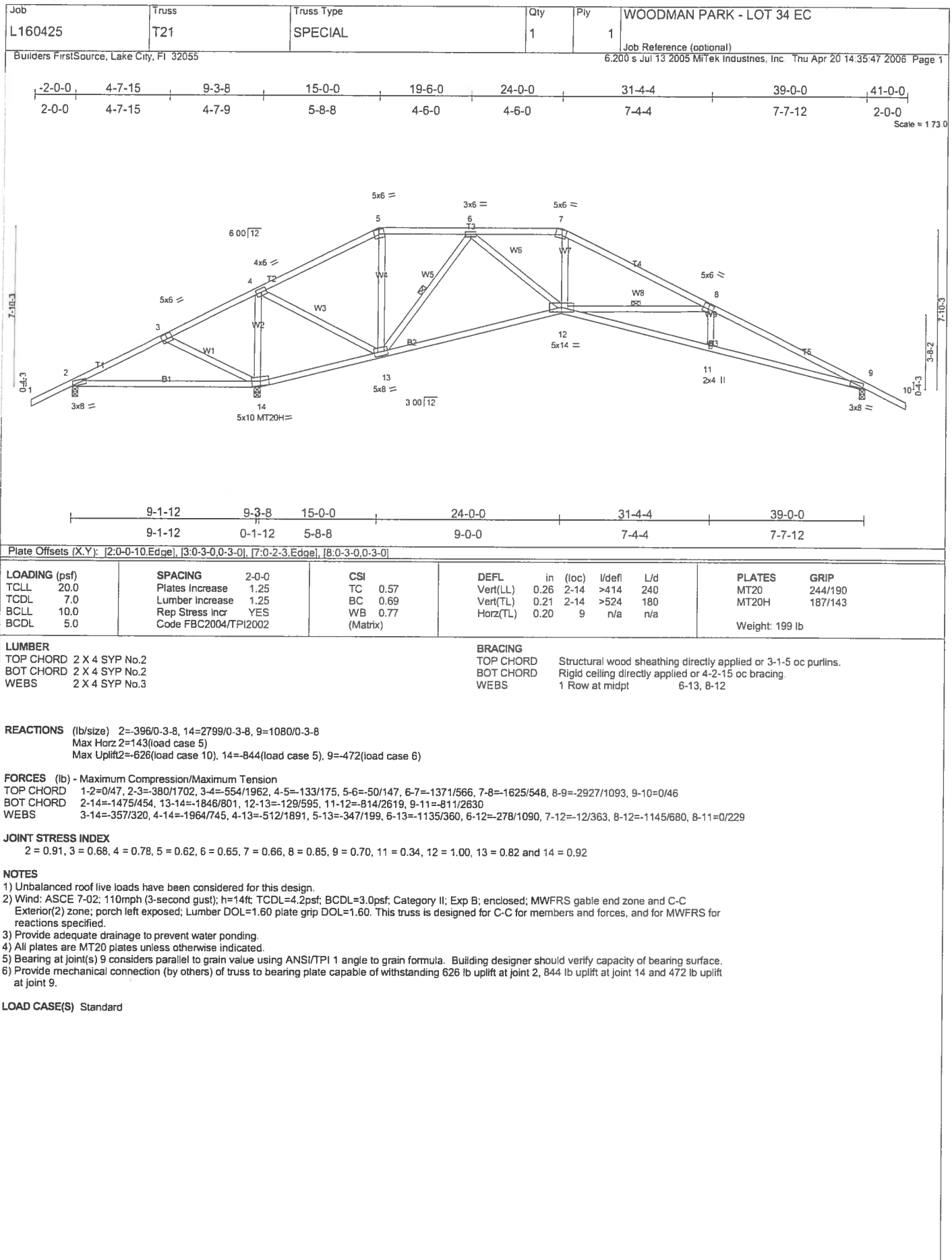
JOINT STRESS INDEX
 2 = 0.18, 3 = 0.85, 4 = 0.98, 5 = 0.57, 6 = 0.67, 7 = 0.48, 8 = 0.77, 9 = 0.93, 10 = 0.69, 11 = 0.84, 13 = 0.67, 14 = 0.34, 15 = 0.84, 17 = 0.40, 18 = 0.72, 19 = 0.29, 20 = 0.31 and 21 = 0.34

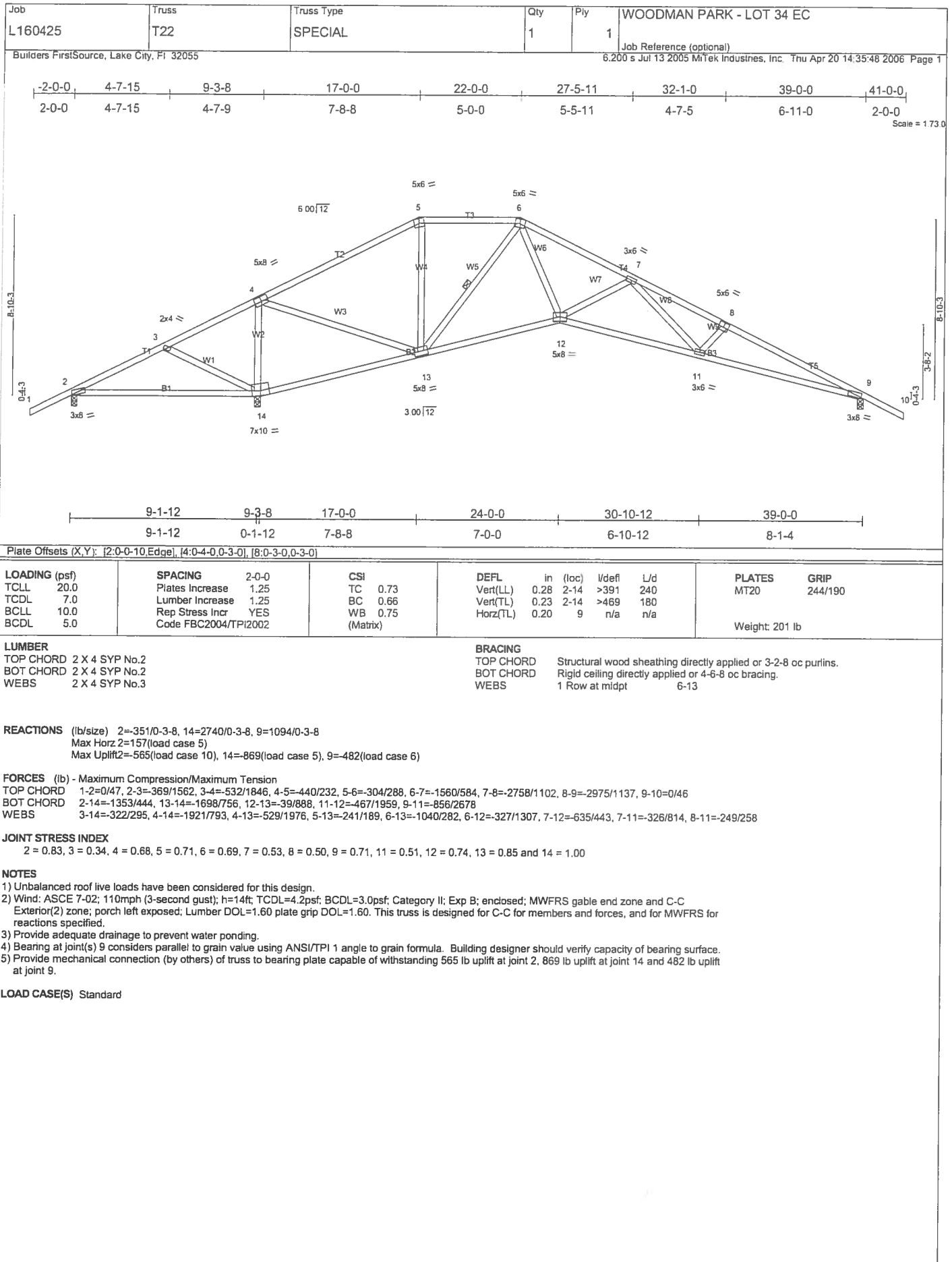
NOTES
 1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 2) All loads are considered equally applied 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.
 3) Unbalanced roof live loads have been considered for this design.
 4) Wind: ASCE 7-02: 110mph (3-second gust); h=14ft; TCDL=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.
 5) Provide adequate drainage to prevent water ponding.
 6) Bearings are assumed to be:
 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2431 lb uplift at joint 20 and 1793 lb uplift at joint 11.
 8) Girder carries tie-in span(s): 7-0-0 from 32-0-0 to 34-0-0
 9) Girder carries hip end with 9-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
 10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 364 lb up at 32-0-0, and 1121 lb down and 758 lb up at 34-0-0, 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.

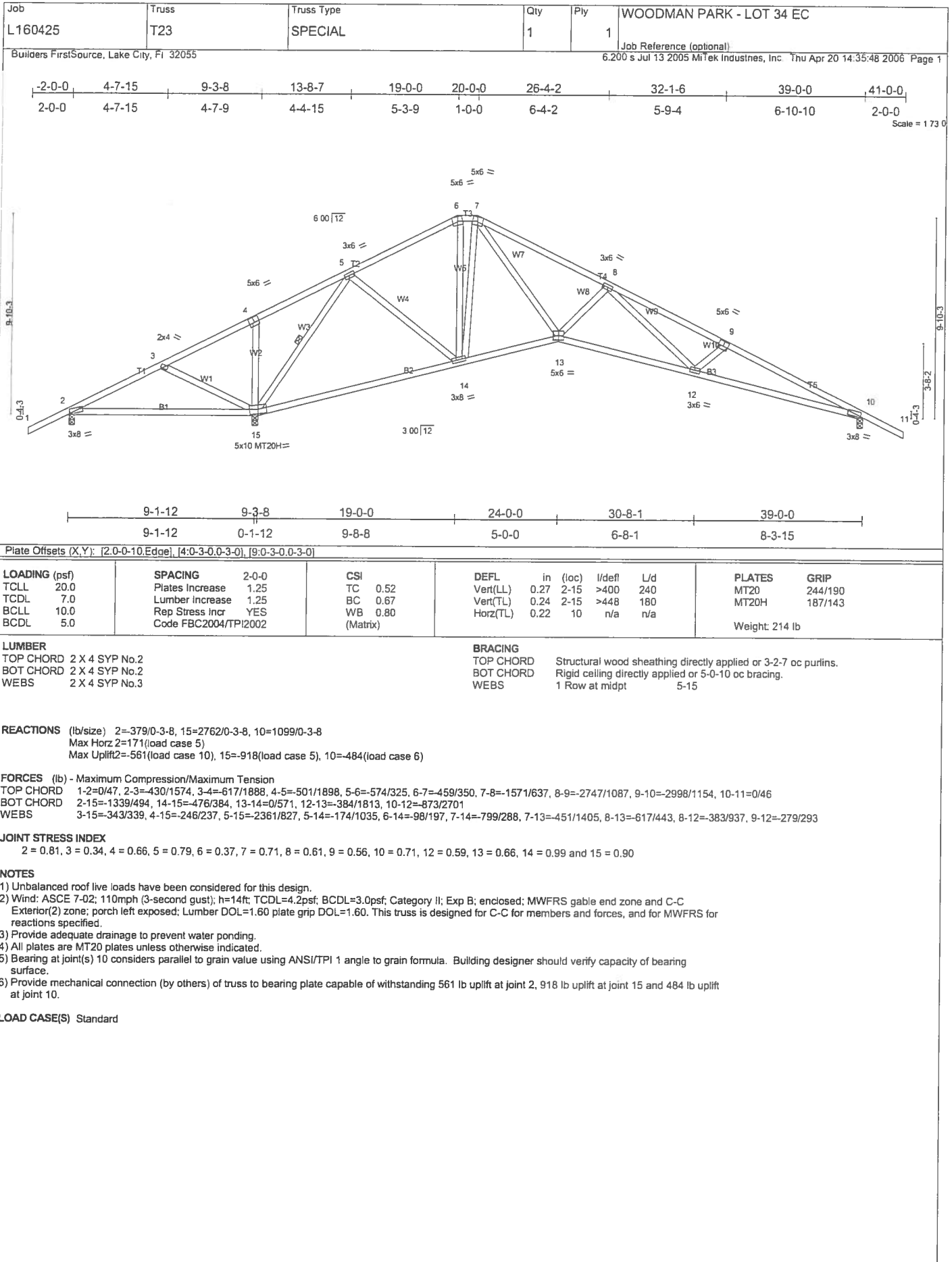
LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-8=-118(F=64), 8-9=-54, 9-10=-54, 10-12=-54, 2-21=-30, 15-21=-65(F=-35), 15-22=-135(F=-105), 11-22=-30
 Concentrated Loads (lb)
 Vert: 21=-539(F) 15=-539(F) 22=-1121(F)

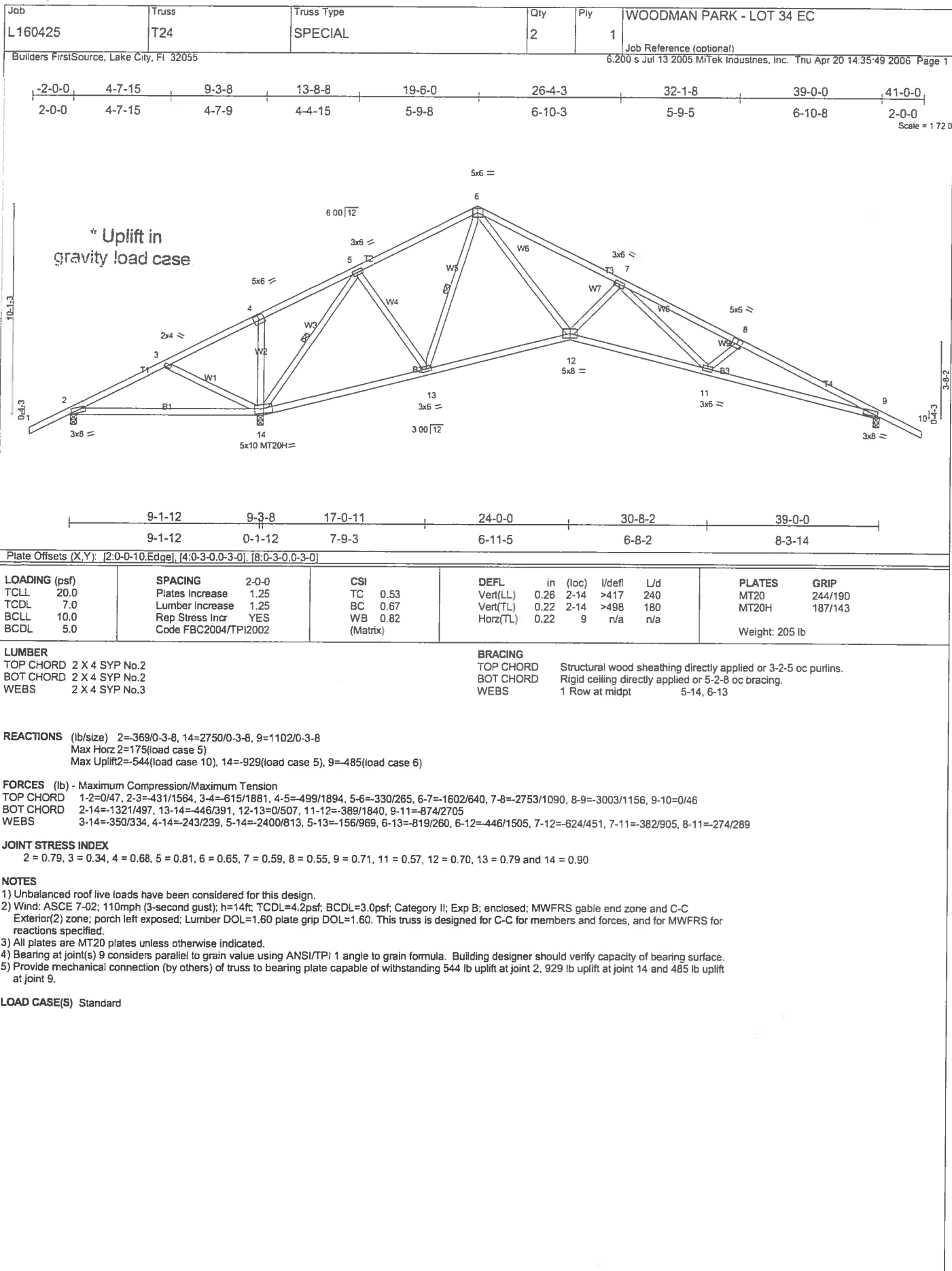


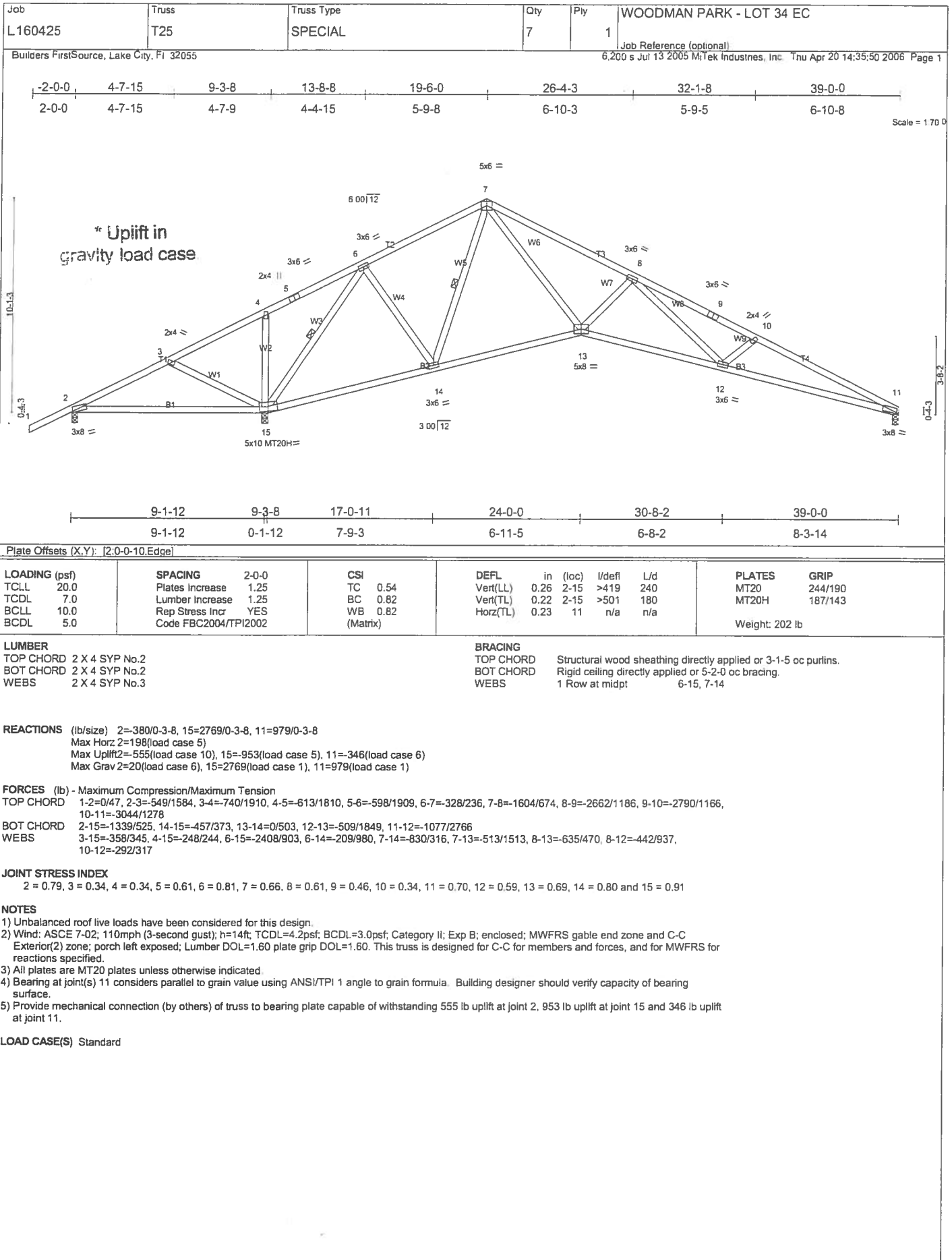






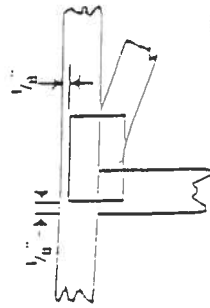
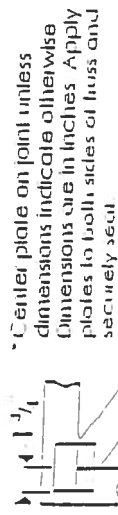






Symbols

PLATE LOCATION AND ORIENTATION



* For 4 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

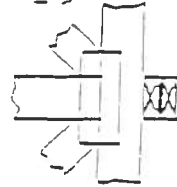
$l \times b$
The first dimension is the width perpendicular to slats. Second dimension is the length parallel to slats

LATERAL BRACING



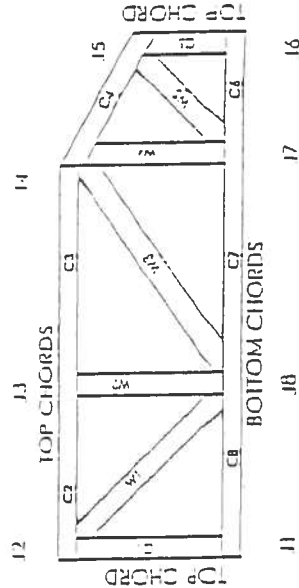
Indicates location of required continuous lateral bracing

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/DIHR	96022-W, 970036-11
IER	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' 6" 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 lusses are the responsibility of others unless shown.
13. Do not overload roof or floor lusses 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 lusses.