

DATE 06/22/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT

000024655

APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024
OWNER JOSH & DANNETTE NICKELSON PHONE 755-1982
ADDRESS 204 SW STONERIDGE DRIVE LAKE CITY FL 32024
CONTRACTOR JAKE KIRSCH PHONE 344-4817
LOCATION OF PROPERTY 47S, TL ON WALTER AVE, TL ON STONERIDGE DR, 2ND LOT ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 200450.00
HEATED FLOOR AREA 4009.00 TOTAL AREA 5595.00 HEIGHT 1 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT 29
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 01-5S-16-03406-110 SUBDIVISION ROSE CREEK PLANT.
LOT 10 BLOCK PHASE UNIT TOTAL ACRES

000001123
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 06-0485-N BK JH
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 101467 10147

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 1005.00 CERTIFICATION FEE \$ 27.98 SURCHARGE FEE \$ 27.98
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 1160.96
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Josh + Dannielle
Nickelson

Columbia County Building Permit Application

CK# 10146

Revised 9-23-04

For Office Use Only Application # 0605-91 Date Received 5/25 By JN Permit # 1123/24655
Application Approved by - Zoning Official BLK Date 01-06-06 Plans Examiner OKJTH Date 6-21-06
Flood Zone X Ppk Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments Section 14.9 Special Family Lot Permit - to Sister

Applicants Name Linda Roder Phone 752-2281
Address 387 S.W. Kemp Ct Lake City FL 32024
Owners Name Josh + Dannielle Nickelson Phone 755-1982
911 Address 204 S.W. Stoneridge Dr Lake City FL 32024
Contractors Name Jake Kirschel Compass Builders Phone 344-9817
Address 197 S.W. Waterford Ct Ste 106 Lake City FL 32025
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Sater Design 239-495-5478 / Mark Disosway
Mortgage Lenders Name & Address Suntrust Mortgage

Circle the correct power company - FL Power & Light - Clay Elec - Suwannee Valley Elec. - Progressive Energy

Property ID Number 01-55-16-03406-110 Estimated Cost of Construction 500K

Subdivision Name Rose Creek Plantation Lot 10 Block West 205 acres of Unit Phase

Driving Directions 475, Lon S.W. Walter Ave, Lon S.W. Stone Ridge Dr. 2nd lot down on R

Type of Construction SPD Number of Existing Dwellings on Property 0

Total Acreage 2.5 Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 137' Side 117' Side 50' Rear 262'

Total Building Height 29' Number of Stories 1 Heated Floor Area 4009 Roof Pitch 7-12
PORCHES 399 GARAGE 681 TOTAL 5595

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Sworn to (or affirmed) and subscribed before me

this 5 day of May 20 06.

Personally known or Produced Identification

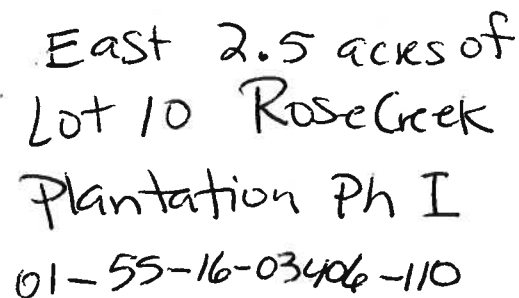
Contractor Signature

Contractors License Number CBC 1253775

Competency Card Number

NOTARY STAMP/SEAL

Linda R. Roder
Notary Signature



Joshua &
Dannette
Nickelson

SITE PLAN

SCALE: " = 40' /not to
WEST PORTION OF LOT 10, ROSE CREEK
PLANTATION, PHASE II/SECTIONS 1 & 12/
TOWNSHIP 5 SOUTH/RANGE 16 EAST/
COLUMBIA COUNTY, FLORIDA

Prepared by:
Matt Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 06-0107

Inst:2006009899 Date:04/25/2006 Time:09:09

Doc Stamp-Deed : 539.00

DC, P. DeWitt Cason, Columbia County B:1081 P:1304

General Warranty Deed

Made this April 21, 2006 A.D. By **Nathan Rainbolt, A Single Person**, , hereinafter called the grantor, to **Joshua A. Nickelson, and his wife, Danette M. Nickelson**, whose post office address is: 197 SW Waterford Court, Suite 105, Lake City FL 32025, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Attached Schedule "A"

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2005.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Printed Name

MIKE KLANDERUD

Nathan Rainbolt

(Seal)

Address:

Witness Printed Name

Charles Sparks, Jr

(Seal)

Address:

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 21st day of April, 2006, by Nathan Rainbolt, A Single Person, who is/are personally known to me or who has produced DL as identification.

Notary Public

Print Name: Matthew Rocco

My Commission

Expires: 2/17/2006



Matthew Rocco

My Commission DD150706

Expires September 17, 2006

Prepared by:
Matt Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 06-0107

"Schedule A"

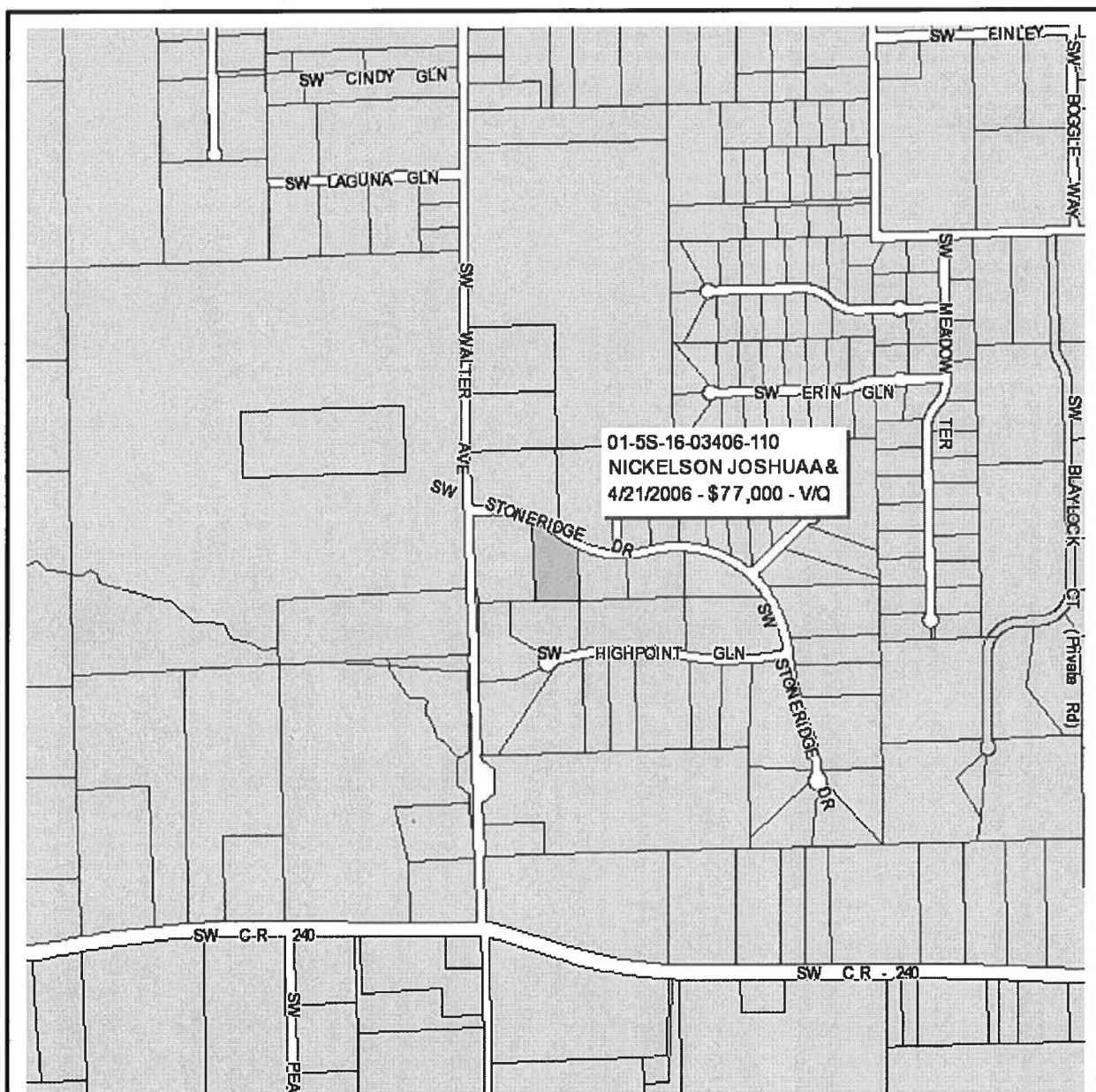
Lot 10, ROSE CREEK PLANTATION PHASE I, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 19 & 20 of the Public Records of Columbia County, Florida.

LESS The East 2.5 acres of Lot 10, Rose Creek Plantation Phase I, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 19 & 20 of the Public Records of Columbia County, Florida, being more particularly described as follows:

COMMENCE at the intersection of the East Right-of-Way Line of Walter Little Road and the North Line of the South 1/2 of the Southeast 1/4 of Section 2, Township 5 South, Range 16 East, Columbia County, Florida and run thence S 1deg. 29'04"E along said East Right-of-Way Line, 901.65 feet; thence N 88deg. 22'01"E, 11.43 feet to the West Line of Section 1, Township 5 South, Range 16 East, of said Columbia County; thence S 00deg. 10'36"E along said West Line of Section 1, 90.37 feet to the South Line of said Rose Creek Plantation Phase I, thence S 90deg. 00'00"E along said South Line, 622.88 feet to the POINT OF BEGINNING; thence continue S 90deg 00'00"E along said South Line, 368.14 feet to the Southeast Corner of said Lot 10; thence N 00deg. 31'10"W along the East Line of said Lot 10, 266.46 feet to the South Right-of-Way Line of Stoneridge Drive and the point on a curve; thence Westerly along said curve concave to the North, having a radius of 730.00 feet and a central angle of 30deg. 13'05", an arc distance of 385.00 feet; thence S 00deg. 31'10"E, 359.62 feet to the POINT OF BEGINNING.

Inst:2006009099 Date:04/25/2006 Time:09:09
Doc Stamp-Deed : 539.00

DC, P. DeWitt Cason, Columbia County B:1081 P:1305



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 01-5S-16-03406-110 - VACANT (000000)

Name: NICKELSON JOSHUA A &	LandVal	\$39,000.00
Site:	BldgVal	\$0.00
DANETTE M NICKELSON	ApprVal	\$39,000.00
197 SW WATERFORD CT	JustVal	\$39,000.00
SUITE 105	Assd	\$39,000.00
LAKE CITY, FL 32025	Exmpt	\$0.00
Sales 4/21/2006 \$77,000.00 V / Q	Taxable	\$39,000.00
Info 1/5/2001 \$49,900.00 V / Q		

0 0.08 0.16 0.24 mi



This information, GIS Map Updated: 5/5/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Josh Nickelson
197 SW Waterford ct, Ste 106
Lake City, FL 32025

Columbia County Building Dept
Lake City, Florida

Re: Rose Creek Lot 10

To Whom It May Concern:

As of 4/21/06 I Josh Nickelson have purchased West 2.5 Acres of Rose Creek lot 10 from Nathan Rainbolt (seller) for construction of a my personal residence. This once 5 acre parcel is restricted to a single home site, unless divided among family shall allow for 2 home sites

The owners of the East 2.5 acres of Rose Creek Lot 10 (Aaron & Andrea Rainbolt) are related to my wife and I the new owners of the west 2.5 acres by our mutual father in-law David Blank, as my wife Danette, and Aarons wife Andrea are sisters.

Parcel IDs:
01-5S-16-03406-110 (West portion of Rose Creek Lot 10)
01-5S-16-03406-210 (East portion of Rose Creek Lot 10)

Sincerely,

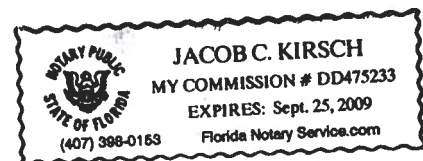


Josh Nickelson

Sworn to and subscribed before me by **Josh Nickelson** who is personally known to me or produced known as identification, and who did X take an oath, this 10 day of May, 20 06.


NOTARY PUBLIC

Print name of Notary: Jacob Kirsch
Commission Expires 9/25/09



04/21/06

AP# NICKE00363834
LN# 00363834



PREPARED BY/RETURN TO: Lauren Autry
SunTrust Mortgage Inc.
76 South Laura Street
Jacksonville, FL 32202

(name and address)

NOTICE OF COMMENCEMENT

Building Permit No. _____ Tax Folio No. _____
STATE OF Florida

COUNTY OF _____

(Do not write in this blank area.
Reserved for recording purposes only)

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of Property: ROSS CREEK
(legal description of the property, LAKE CITY, FL 32025
and street address if available)
SEE ATTACHED "EXHIBIT A"
FOR LEGAL DESCRIPTION
2. General Description of Improvements: Construction of single family dwelling
3. Owner Information:
 - a. Name and Address: JOSHUA A. NICKELSON
152 SW GROVELAND CT
LAKE CITY, FL 32025
 - b. Interest in property: FEE SIMPLE
 - c. Name and address of fee Simple titleholder (if other than owner):
4. Contractor:

Inst:2006011764 Date:05/15/2006 Time:11:41

DC, P. Dewitt Cason, Columbia County B:1083 P:1941

5. Surety:
 - a. Name and address:
 - b. Amount of bond \$ _____
6. Lender Information:
 - a. Name and Address: SunTrust Mortgage Inc.
76 South Laura Street, Jacksonville, FL 32202
 - b. Designated Contact: RESIDENTIAL CONSTRUCTION DEPARTMENT
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a) 7., Florida Statutes
(name and address)
8. In addition to himself, Owner designates RESIDENTIAL CONSTRUCTION DEPARTMENT
of SunTrust Mortgage Inc., A Virginia Corporation
to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes
9. Expiration date of Notice of Commencement (the expiration date is eighteen months from the date of recording unless a different date is specified). Other expiration date: _____

Signature of Owner JOSHUA A. NICKELSON

Signature of Owner

Signature of Owner

Signature of Owner

STATE OF FL
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this April 21, 2006, by the
Owner who is personally known to me or who produced Driver's License
as identification.

(Seal)
Serial Number:
MW-FLA NOTICE COMMENCEMENT CFM
CFM #000756 (05/02)

Notary Public



Matthew Rocco
My Commission DD150709
Expires September 17, 2006

Ticor Title Insurance

ALTA COMMITMENT

Agent's File Number: 06-0107

Commitment Number:

Schedule A, Continuation Page

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Inst: 2006011764 Date: 05/15/2006 Time: 11:41
DC, P. Dewitt Cason, Columbia County B: 1083 P: 1942



FH

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

06-0485N

----- PART II - SITE PLAN -----

Scale: Each block represents 5 feet and 1 inch = 50 feet.

See
ATTACHEDJoshua S. DANETTES
Nickelson

Notes:

Site Plan submitted by:

Robert W. Ford

Signature

Agent

Title

Permit Approved

Not Approved

Date

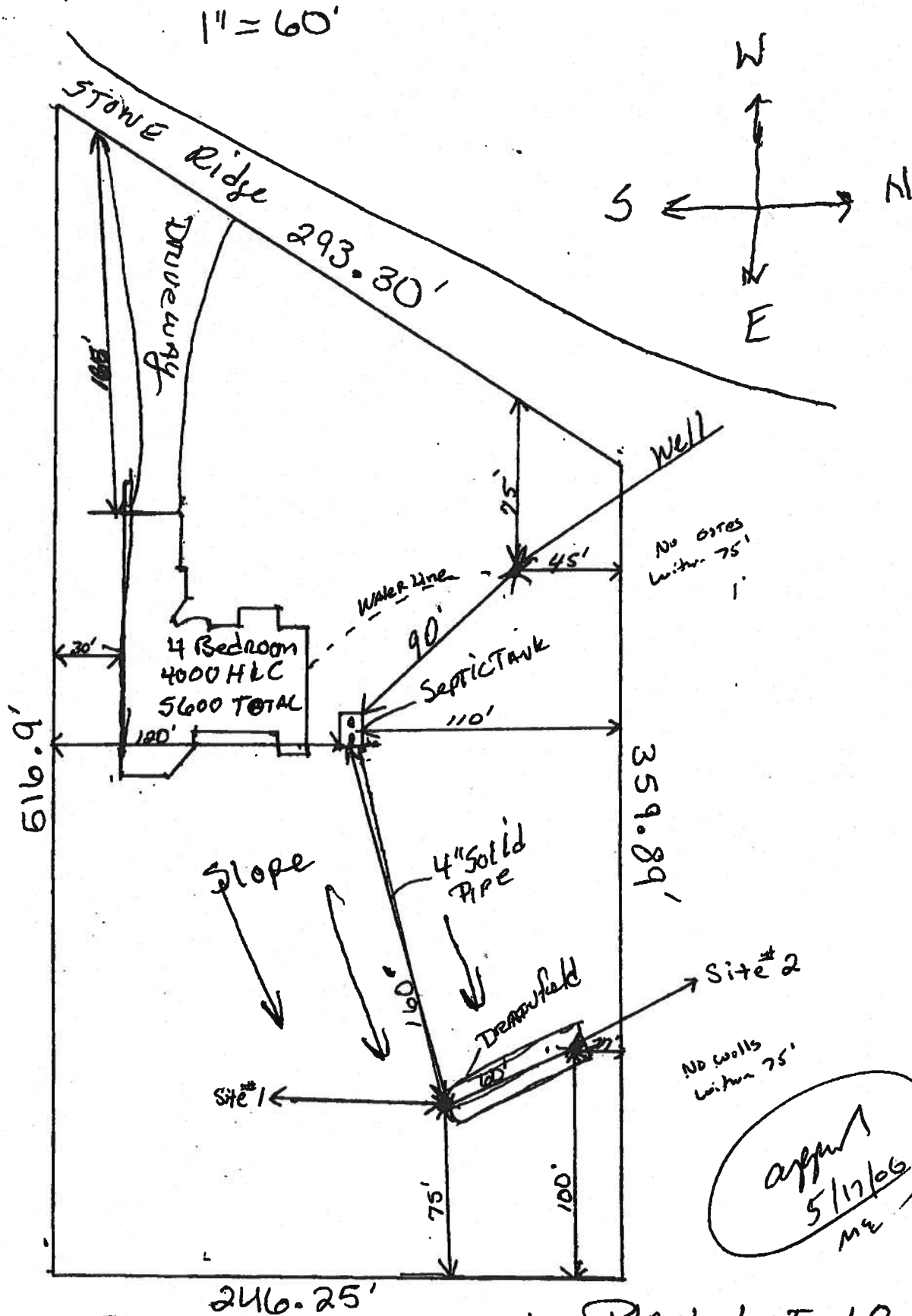
5/17/06

Jm M

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



Site Plan
By Robert W. Joel Aggr
5-10-06

Site Plan Lot 10
Rose Creek Plantations
Joshua & DAVETTE Nickelson

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Rose Creek Plantation Lot 10	Builder:	Compass Builders
Address:	Lot: 10, Sub: Rose Creek Plan, Plat:	Permitting Office:	Columbia
City, State:	Lake City, FL	Permit Number:	24655
Owner:	Josh Nickelson	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	4	b. Central Unit	Cap: 42.0 kBtu/hr
5. Is this a worst case?	Yes		SEER: 13.00
6. Conditioned floor area (ft²)	4009 ft²	c. N/A	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
(or Single or Double DEFAULT) 7a. (Dble Default) 612.0 ft²			HSPF: 8.70
b. SHGC:		b. Electric Heat Pump	Cap: 42.0 kBtu/hr
(or Clear or Tint DEFAULT) 7b. (Clear) 612.0 ft²			HSPF: 8.70
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 408.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.92
9. Wall types		b. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Adjacent	R=17.0, 280.0 ft²		EF: 0.92
b. Concrete, Int Insul, Exterior	R=6.0, 4180.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 4009.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 320.0 ft		
b. N/A			

Glass/Floor Area: 0.18

Total as-built points: 58258

Total base points: 60655

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: [Signature]

DATE: 5-18-06

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: [Signature]

DATE: 5-24-06

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Rose Creek Plan, Plat: , Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

WATER HEATING & CODE COMPLIANCE STATUS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 10, Sub: Rose Creek Plan, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Credit X Multiplier = Total
4		2635.00	10540.0	50.0	0.92	4		0.50	2635.00 1.00 5270.0
				50.0	0.92	4		0.50	2635.00 1.00 5270.0
				As-Built Total:					10540.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
24452		25663	10540 60655	19414		28304	10540 58258

PASS

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Rose Creek Plan, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT				
CEILING TYPESArea X BWPM = Points				Type	R-Value	Area X WPM X WCM =	Points	
Under Attic	4009.0	2.05	8218.5	Under Attic	30.0	4009.0 2.05 X 1.00	8218.5	
Base Total:	4009.0		8218.5	As-Built Total:		4009.0	8218.5	
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM =	Points	
Slab	408.0(p)	8.9	3631.2	Slab-On-Grade Edge Insulation	0.0	408.0(p) 18.80	7670.4	
Raised	0.0	0.00	0.0					
Base Total:			3631.2	As-Built Total:		408.0	7670.4	
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
	4009.0	-0.59	-2365.3			4009.0 -0.59	-2365.3	
Winter Base Points: 40903.7				Winter As-Built Points: 57785.7				
Total Winter X Points	System = Multiplier	Heating Points		Total X Component (System - Points)	Cap X Ratio (DM x DSM x AHU)	Duct X Multiplier	System X Multiplier	Credit = Heating Points
				(sys 1: Electric Heat Pump 42000 btuh ,EFF(8.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0				
				57785.7	0.500	(1.069 x 1.169 x 1.00)	0.392	1.000 14152.0
				(sys 2: Electric Heat Pump 42000 btuh ,EFF(8.7) Ducts: None				
				57785.7	0.500(1.00 x 1.169 x 1.00)		0.392	1.000 14152.0
40903.7	0.6274	25663.0		57785.7	1.00	1.250	0.392	1.000 28304.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Rose Creek Plan, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X WPM X WOF = Point			
.18	4009.0	12.74	9193.4	Double, Clear	NW	6.0	4.0	18.0	24.30	1.03	450.6
				Double, Clear	NW	2.0	10.0	24.0	24.30	1.00	583.8
				Double, Clear	N	2.0	10.0	48.0	24.58	1.00	1181.1
				Double, Clear	W	2.0	10.0	24.0	20.73	1.01	504.2
				Double, Clear	NW	2.0	3.0	6.0	24.30	1.02	148.4
				Double, Clear	NE	2.0	3.0	3.0	23.57	1.03	73.1
				Double, Clear	NE	2.0	8.0	54.0	23.57	1.01	1280.8
				Double, Clear	SE	2.0	9.0	152.0	14.71	1.08	2403.6
				Double, Clear	SE	8.0	3.0	20.0	14.71	2.63	774.3
				Double, Clear	E	10.0	3.0	12.0	18.79	1.51	339.8
				Double, Clear	S	10.0	3.0	12.0	13.30	3.66	584.0
				Double, Clear	E	6.0	9.0	70.0	18.79	1.18	1554.7
				Double, Clear	SW	2.0	4.0	8.0	16.74	1.24	166.3
				Double, Clear	SW	2.0	6.0	12.0	16.74	1.11	223.6
				Double, Clear	SW	2.0	7.0	72.0	16.74	1.08	1302.7
				Double, Clear	SW	2.0	6.0	12.0	16.74	1.11	223.6
				Double, Clear	SE	0.0	0.0	8.0	14.71	1.00	117.6
				Double, Clear	NW	2.0	8.0	24.0	24.30	1.00	585.0
				Double, Clear	NE	2.0	8.0	48.0	23.57	1.01	1138.5
				Double, Clear	E	2.0	8.0	30.0	18.79	1.04	583.8
				Double, Clear	NW	2.0	9.0	84.0	24.30	1.00	2045.2
				As-Built Total:			741.0			16264.5	
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Adjacent	280.0	3.60	1008.0	Frame, Wood, Adjacent	17.0		280.0	2.57	718.7		
Exterior	4180.0	3.70	15466.0	Concrete, Int Insul, Exterior	6.0		4180.0	5.15	21527.0		
Base Total:		4460.0	16474.0	As-Built Total:		4460.0		22245.7			
DOOR TYPES Area X BWPM = Points				Type			Area X WPM		= Points		
Adjacent	21.0	11.50	241.5	Exterior Wood			48.0	12.30	590.4		
Exterior	448.0	12.30	5510.4	Adjacent Wood			21.0	11.50	241.5		
				Exterior Wood			80.0	12.30	984.0		
				Exterior Wood			80.0	12.30	984.0		
				Exterior Wood			20.0	12.30	246.0		
				Exterior Wood			80.0	12.30	984.0		
				Exterior Wood			80.0	12.30	984.0		
				Exterior Wood			20.0	12.30	246.0		
				Exterior Wood			40.0	12.30	492.0		
Base Total:		469.0	5751.9	As-Built Total:		469.0		5751.9			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Rose Creek Plan, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT				
CEILING TYPES Area X BSPM = Points				Type	R-Value	Area X SPM X SCM = Points		
Under Attic	4009.0	1.73	6935.6	Under Attic	30.0	4009.0	1.73 X 1.00	6935.6
Base Total:	4009.0		6935.6	As-Built Total:		4009.0		6935.6
FLOOR TYPES Area X BSPM = Points				Type	R-Value	Area X SPM = Points		
Slab	408.0(p)	-37.0	-15096.0	Slab-On-Grade Edge Insulation	0.0	408.0(p)	-41.20	-16809.6
Raised	0.0	0.00	0.0					
Base Total:			-15096.0	As-Built Total:		408.0		-16809.6
INFILTRATION Area X BSPM = Points				Area X SPM = Points				
	4009.0	10.21	40931.9			4009.0	10.21	40931.9
Summer Base Points: 57317.9				Summer As-Built Points: 59146.9				
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier = Cooling Points
				(sys 1: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)				
				59147	0.50	(1.09 x 1.147 x 1.00)	0.263	1.000 9707.0
				(sys 2: Central Unit 42000 btuh ,SEER/EFF(13.0) Ducts: None				
				59147	0.50	(1.00 x 1.147 x 1.00)	0.263	1.000 9707.0
57317.9		0.4266	24451.8	59146.9	1.00	1.250	0.263	1.000 19414.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 10, Sub: Rose Creek Plan, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X SPM X SOF = Points				
.18	4009.0	20.04	14461.3	Double, Clear	NW	6.0	4.0	18.0	25.97	0.58	269.5
				Double, Clear	NW	2.0	10.0	24.0	25.97	0.96	595.8
				Double, Clear	N	2.0	10.0	48.0	19.20	0.96	886.2
				Double, Clear	W	2.0	10.0	24.0	38.52	0.95	877.6
				Double, Clear	NW	2.0	3.0	6.0	25.97	0.72	111.8
				Double, Clear	NE	2.0	3.0	3.0	29.56	0.68	60.3
				Double, Clear	NE	2.0	8.0	54.0	29.56	0.92	1469.2
				Double, Clear	SE	2.0	9.0	152.0	42.75	0.91	5918.5
				Double, Clear	SE	8.0	3.0	20.0	42.75	0.38	326.5
				Double, Clear	E	10.0	3.0	12.0	42.06	0.36	180.1
				Double, Clear	S	10.0	3.0	12.0	35.87	0.43	185.9
				Double, Clear	E	6.0	9.0	70.0	42.06	0.63	1856.9
				Double, Clear	SW	2.0	4.0	8.0	40.16	0.67	216.1
				Double, Clear	SW	2.0	6.0	12.0	40.16	0.80	387.9
				Double, Clear	SW	2.0	7.0	72.0	40.16	0.85	2459.5
				Double, Clear	SW	2.0	6.0	12.0	40.16	0.80	387.9
				Double, Clear	SE	0.0	0.0	8.0	42.75	1.00	342.0
				Double, Clear	NW	2.0	8.0	24.0	25.97	0.93	576.9
				Double, Clear	NE	2.0	8.0	48.0	29.56	0.92	1306.0
				Double, Clear	E	2.0	8.0	30.0	42.06	0.91	1151.8
				Double, Clear	NW	2.0	9.0	84.0	25.97	0.94	2055.9
				As-Built Total:				741.0			21622.2
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM	=	Points		
Adjacent	280.0	0.70	196.0	Frame, Wood, Adjacent	17.0		280.0	0.47		130.7	
Exterior	4180.0	1.70	7106.0	Concrete, Int Insul, Exterior	6.0		4180.0	0.85		3553.0	
Base Total:		4460.0	7302.0	As-Built Total:				4460.0			3683.7
DOOR TYPES Area X BSPM = Points				Type			Area X SPM	=	Points		
Adjacent	21.0	2.40	50.4	Exterior Wood			48.0	6.10		292.8	
Exterior	448.0	6.10	2732.8	Adjacent Wood			21.0	2.40		50.4	
				Exterior Wood			80.0	6.10		488.0	
				Exterior Wood			80.0	6.10		488.0	
				Exterior Wood			20.0	6.10		122.0	
				Exterior Wood			80.0	6.10		488.0	
				Exterior Wood			80.0	6.10		488.0	
				Exterior Wood			20.0	6.10		122.0	
				Exterior Wood			40.0	6.10		244.0	
Base Total:		469.0	2783.2	As-Built Total:				469.0			2783.2

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.5

The higher the score, the more efficient the home.

Josh Nickelson, Lot: 10, Sub: Rose Creek Plan, Plat: , Lake City, FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	4	b. Central Unit	Cap: 42.0 kBtu/hr
5. Is this a worst case?	Yes		SEER: 13.00
6. Conditioned floor area (ft ²)	4009 ft ²	c. N/A	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT)	7a. (Dble Default) 612.0 ft ²	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
b. SHGC:			HSPF: 8.70
(or Clear or Tint DEFAULT)	7b. (Clear) 612.0 ft ²	b. Electric Heat Pump	Cap: 42.0 kBtu/hr
8. Floor types			HSPF: 8.70
a. Slab-On-Grade Edge Insulation	R=0.0, 408.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Adjacent	R=17.0, 280.0 ft ²		EF: 0.92
b. Concrete, Int Insul, Exterior	R=6.0, 4180.0 ft ²	b. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.92
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 4009.0 ft ²	15. HVAC credits	
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 320.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

FROM :

FAX NO. :386-755-7022

Sep. 17 2002 01:52PM P1

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
~~XXXXXX PRINTED XXXXX~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

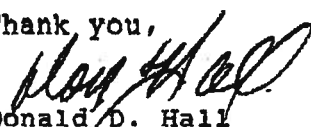
June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,


Donald D. Hall
DDH/jk

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001123

DATE 06/22/2006 PARCEL ID # 01-5S-16-03406-110

APPLICANT LINDA RODER PHONE 752-2281

ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024

OWNER JOSH & DANNETTE NICKELSON PHONE 755-1982

ADDRESS 204 SW STONERIDGE DRIVE LAKE CITY FL 32024

CONTRACTOR JAKE KIRSCH PHONE 344-4817

LOCATION OF PROPERTY 47S, TL ON WALTER AVE, TL ON STONERIDGE DR, 2ND LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROSE CREEK PLANT. 10

SIGNATURE



INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



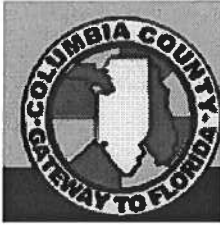
Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.**

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00





From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: **0605-91**

Contractor: Compass Builders Owner: Josh & Danette Nickelson lot 10 Rose Creek Plantation Phase One

On the date of May 30, 2006 application 0605-91 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0605-91 when making reference to this application.

To help ensure compliance with the Florida Residential Code 2004 the comments below need to be addressed on the plans.

1. Please show compliance with the FRC-2004 Sections R322.1.1 All new single-family houses, duplexes, triplexes, condominiums and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet

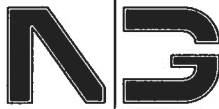
room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).

2. For all radius mitered glass locations areas submit manufacture shop drawing which show FI product approvals, attachment method of the glass frames to shear walls and windload rating of the frames and glass system.
3. In order for the Columbia County Building Department to perform an inspection of the roof truss system for the correct truss uplift strapping applications and to insure that no addition interior load bearing foundation are created by the roof truss design. Please have Mr. Nicholas Geisler review the submitted truss plans and produce a callout sheet which will either provide the required uplift straps for each truss or a truss plans which denotes the amount and location of each truss uplift requirements.

Joe Haltiwanger



Plan Examiner
Columbia County Building Department



**NICHOLAS
PAUL
GEISLER
ARCHITECT**
N.C.A.R.B. Certified

■ 1758 NW Brown Road
■ Lake City, FL 32055
■ 386/755-9021

21 JUNE 2006

JOE HALTIWANGER, PLANS REVIEW
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: NICHOLSON RESIDENCE
PLAN REVIEW Nr.: 0605-56

DEAR SIR:

WITH REGARD TO THE TRUSS ENGINEERING FOR THE ABOVE REFERENCED PROJECT, THE CONSTRUCTION DOCUMENTS SHALL BE AMENDED AS FOLLOWS FOR WIND UPLIFT ANCHORAGE:

ALL TRUSSES, OTHER THAN THOSE NOTED BELOW, SHALL BE ANCHORED TO THE P/T SYP PLATE WITH "SIMPSON" H3 ANCHORS WITH ALL FASTENERS AS SPECIFIED BY THE MANUFACTURER.

THE FOLLOWING TRUSSES SHALL BE ANCHORED WITH 2 "SIMPSON" H3 ANCHORS SECURED TO THE P/T SYP 2X8 PLATE AND ARRANGED DIAGONALLY OPPOSITE ACROSS THE TRUSS:

CJ3B, CJ3C, EJTD, HJ9A, HJ9D, T02, T04-T06, T14-T17, T19-T30,
T39, T40, T43, T44, T50, T55, T58, T58G, T59 & T61.

THE FOLLOWING TRUSSES SHALL BE ANCHORED WITH "SIMPSON" H16 STRAPS SECURED DIRECTLY TO THE CMU WALL WITH THE RECOMMENDED "TITAN" SCREWS AND OTHER FASTENERS AS SPECIFIED BY THE MANUFACTURER:

T01, T07-T12, T18, T37, T42 & T59.

THE FOLLOWING TRUSSES SHALL BE ANCHORED WITH "SIMPSON" LGT2 ANCHORS, SECURED DIRECTLY TO THE CMU WALL WITH THE RECOMMENDED "TITAN" SCREWS AND OTHER FASTENERS AS SPECIFIED BY THE MANUFACTURER:

T03, T26 & T49.

THE FOLLOWING TRUSS SHALL BE ANCHORED WITH "SIMPSON" LGT2-SDS2.5 ANCHOR WITH ALL SPECIFIED FASTENERS AS RECOMMENDED BY THE MANUFACTURER:

T57

PAGE 2

THE FOLLOWING TRUSSES SHALL BE ANCHORED WITH "SIMPSON" MGT ANCHOR WITH ALL SPECIFIED FASTENERS AS RECOMENDED BY THE MANUFACTURER, INCLUDING 1 - 5/8"Ø ANCHOR BOLT, WITH A MINIMUM OF 7" EMBEDMENT INTO THE CONCRETE BOND BEAM:

T13, T25 & T36.

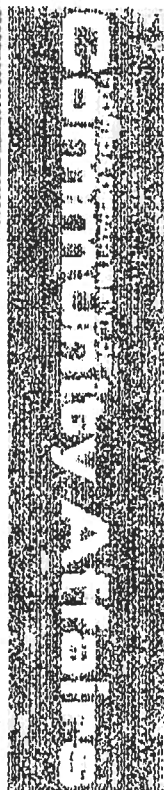
PLEASE NOTE THAT ALL TRUSS TO TRUSS CONNECTIONS SHALL BE AS SPECIFIED BY THE TRUSS MANUFACTURER. SEVERAL OF THE ABOVE NAMED TRUSSES MAY HAVE SECONDARY BEARING POINTS WITH LESSOR LOADS ASSOCIATED WITH SAME AND MAY BE ANCHORED IN THE MANNER AS DESCRIBED FOR THE VARIOUS LIGHTER LOADED TRUSSES NOTED ABOVE, MATCHING THE EXPECTED UPLIFT LOADS TO THE ANCHOR STRAP CAPACITIES.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

A handwritten signature in blue ink, appearing to read 'NPG', is written over the typed name 'NICHOLAS PAUL GEISLER'.

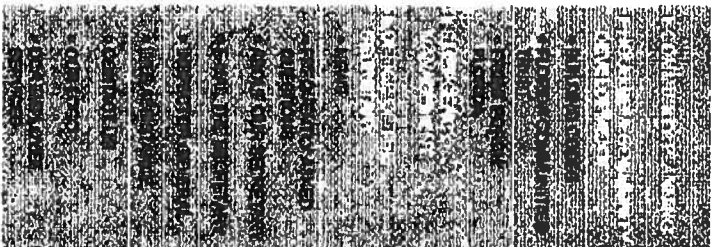
fixed glass



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Product Approval Menu > Product or Application Search > Application List > Application Detail



FL #	FL44-R3
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Florida Extruders International, Inc.
Address/Phone/Email	2540 Jewett Lane Sanford, FL 32771 (407) 323-3300 ext 340 ramoruso.pe@floridaextruders.com
Authorized Signature	Robert Amoruso ramoruso.pe@floridaextruders.com
Technical Representative	Robert J. Amoruso
Address/Phone/Email	2540 Jewett Lane Sanford, FL 32828 (407) 323-3300 ramoruso.pe@floridaextruders.com

Quality Assurance Representative
Address/Phone/Email

Kirby Osteen
2540 Jewett Lane
Sanford, FL 32771
(407) 323-3300
ramoruso.pe@floridaextruders.com

Category
Subcategory

Winccows
Fixed

Compliance Method

Certification Mark or Listing

Certification Agency

Intertek Testing Services - ETL/Warmock Hersey

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
ANSI/AAMA/NWWDA 101/I.S. 2	1997
ANSI/AAMA/NWWDA 101/I.S. 2	1997
SBCCI SSTD 12	1999
SBCCI SSTD 12	1999

Equivalence of Product Standards
Certified By

Sections from the Code

1609.1.4
1714.5.2.1
R301.2.1.2
R613.3.1

Product Approval Method

Method 1 Option A

Date Submitted 12/27/2005
 Date Validated 12/27/2005
 Date Pending FBC Approval 01/05/2006
 Date Approved 02/07/2006

Summary of Products

FL #	Model, Number or Name	Description
44.1	Milestone - Series 1000 Fixed Window	Aluminum Fixed Window with non-impact resistant glazing
Limits of Use (See Other) Approved for use in HVHZ: Impact Resistant: Design Pressure: +/- Other: 1) The windows shall be installed in accordance with the Manufacturer's Installation Drawings. 2) Fastener Size, Type and Spacing are determined by the type of construction per the Manufacturer's Installation Drawings. 3) The windows and patio doors shall not be installed in areas where the applied transverse wind loads exceed the allowable design pressure based on the following: fastener type and spacing on the installation drawings, test report design pressure and/or glass load resistance determined from ASTM E-1300. 4) MILESTONE Non-Impact Resistant Windows have not been evaluated for use in High Velocity Hurricane Zones (Broward and Dade Counties) or in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential and shall not be used in the HVHZ. See Item 5 for exception. 5) MILESTONE Non-Impact Resistant Certification Agency Certificate Installation Instructions PTID 44_R3_I_2001to2004_FBC_Comparison.pdf PTID 44_R3_I_Fixed_Window_Listing_Reports_ATM.pdf PTID 44_R3_I_FL44-F_InstallationDrawing.pdf Verified By:		

Windows may be used in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential that lie outside the High Velocity Hurricane Zones (Broward and Dade counties) if a Florida Building Code approved shutter assembly is employed to protect the window in accordance with applicable FBC Code Sections. 6) Performance Ratings and Certification Agency Listing No. R50 (DSB) (4' 0" x 4' 0" - Listing No. 16742-3A) C60 (3/16) (5' 0" x 6' 0" - Listing No. 16742-3A) C70 (1/4) (6' 0" x 6' 0" - Listing No. 16742-3A)	
44.2 Milestone - Series 1000 Fixed Window (Impact)	Aluminum Fixed Window with impact resistant glazing
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 1) The windows shall be installed in accordance with the Manufacturer's Installation Drawings. 2) Fastener Size, Type and Spacing are determined by the type of construction per the Manufacturer's Installation Drawings. 3) The windows and patio doors shall not be installed in areas where the applied transverse wind loads exceed the allowable design pressure based on the following: fastener type and spacing on the installation drawings, test report design pressure and/or glass load resistance determined from ASTM E-1300. 4) MILESTONE Impact Resistant Windows have not been evaluated for use in High Velocity Hurricane Zones (Broward and Dade Counties) as defined in the 2001 Florida Building Code, 2004	Certification Agency Certificate Installation Instructions Verified By:

Florida Building Code-Building and 2004 Florida Building Code-Residential and shall not be used in the HVHZ. 5) MILESTONE Impact Resistant Windows have been evaluated for use in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential that lie outside the High Velocity Hurricane Zones (Broward and Dade counties). 6) Performance Ratings and Certification Agency Listing No. R/C60 (6'0" x 5'0" - Listing No. 16742-38) R/C60 (6'2" x 4'0" - Listing No. 16742-38) R/C60 (12'0" x 2'0" - Listing No. 16742-38)

44.3 Milestone - Series 2000 Fixed Window	Aluminum Fixed Window with non-impact resistant glazing
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: - / - Other: 1) The windows shall be installed in accordance with the Manufacturer's Installation Drawings. 2) Fastener Size, Type and Spacing are determined by the type of construction per the Manufacturer's Installation Drawings. 3) The windows and patio doors shall not be installed in areas where the applied transverse wind loads exceed the allowable design pressure based on the following: fastener type and spacing on the installation drawings, test report design pressure and/or glass load resistance determined from ASTM E-1300. 4) MILESTONE Non-Impact Resistant Windows have not been evaluated for use in High Velocity Hurricane Zones (Broward and Dade	Certification Agency Certificate Installation Instructions Verified By:

Counties) or in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential and shall not be used in the HVHZ. See Item 5 for exception. 5) MILESTONE Non-Impact Resistant Windows may be used in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential that lie outside the High Velocity Hurricane Zones (Broward and Dade counties) if a Florida Building Code approved shutter assembly is employed to protect the window in accordance with applicable FBC Code Sections. 6) Performance Ratings and Certification Agency Listing No. R50 (DSB) (4' 0" x 4' 0" - Listing No. 16742-3C) C60 (3/16) (5' 0" x 6' 0" - Listing No. 16742-3C) C70 (1/4) (6' 0" x 6' 0" - Listing No. 16742-3C)	
44.4 Milestone - Series 2000 Fixed Window (Impact) Limits of Use (See Other) Approved for use in HVHZ: Impact Resistant: Design Pressure: +/- Other: 1) The windows shall be installed in accordance with the Manufacturer's Installation Drawings. 2) Fastener Size, Type and Spacing are determined by the type of construction per the Manufacturer's Installation Drawings. 3) The windows and patio doors shall not be installed in areas where the applied transverse wind loads exceed the allowable design pressure based on the following: fastener type and spacing on the installation drawings, test report design pressure	Aluminum Fixed Window with impact resistant glazing Certification Agency Certificate Installation Instructions Verified By:

and/or glass load resistance determined from ASTM E-1300. 4) MILESTONE Impact Resistant Windows have not been evaluated for use in High Velocity Hurricane Zones (Broward and Dade Counties) as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Residential and 2004 Florida Building Code-Residential and shall not be used in the HVHZ. 5) MILESTONE Impact Resistant Windows have been evaluated for use in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential that lie outside the High Velocity Hurricane Zones (Broward and Dade counties). 6) Performance Ratings and Certification Agency Listing No. R/C60 (6' 0" x 5' 0" - Listing No. 16742-3D) R/C60 (6' 2" x 4' 0" - Listing No. 16742-3D) R/C60 (12' 0" x 2' 0" - Listing No. 16742-3D)

[Back](#)

[Next](#)

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:



JOSH & Darvette
Nickelson

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories

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Floor Plan including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessable bathroom)

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel

Roof System:

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termiteicide or alternative method)
 - 10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

☒☐**b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

☐☐**c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)****Floor Framing System:**

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout**Electrical layout including:**

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)**Gas System Type (LP or Natural) Location and BTU demand of equipment****Disclosure Statement for Owner Builders****Notice Of Commencement****Private Potable Water**

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

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Residential System Sizing Calculation

Summary

Josh Nickelson
Rose Creek Plantation
Lake City, FL

Project Title:
Rose Creek Plantation Lot 10

Code Only
Professional Version
Climate: North

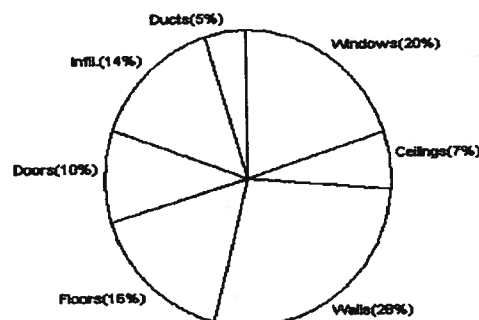
5/18/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	79648 Btuh	Total cooling load calculation	76601 Btuh
Submitted heating capacity	84000 Btuh	Submitted cooling capacity	84000 Btuh
Submitted as % of calculated	105.5 %	Submitted as % of calculated	109.7 %

WINTER CALCULATIONS

Winter Heating Load (for 4009 sqft)

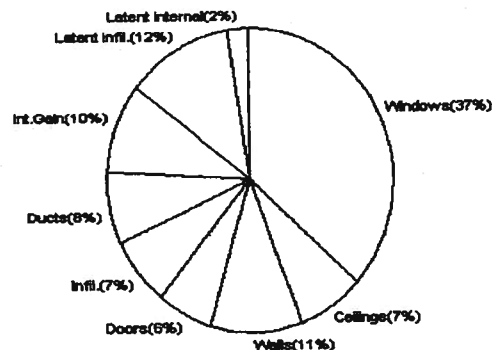
Load component		Load
Window total	741 sqft	15932 Btuh
Wall total	4460 sqft	22100 Btuh
Door total	469 sqft	8230 Btuh
Ceiling total	4009 sqft	5212 Btuh
Floor total	408 ft	12893 Btuh
Infiltration	268 cfm	11489 Btuh
Subtotal		75855 Btuh
Duct loss		3793 Btuh
TOTAL HEAT LOSS		79648 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 4009 sqft)

Load component		Load
Window total	741 sqft	28373 Btuh
Wall total	4460 sqft	8073 Btuh
Door total	469 sqft	4681 Btuh
Ceiling total	4009 sqft	5693 Btuh
Floor total		0 Btuh
Infiltration	268 cfm	5302 Btuh
Internal gain		7400 Btuh
Subtotal(sensible)		59522 Btuh
Duct gain		5952 Btuh
Total sensible gain		65474 Btuh
Latent gain(infiltration)		9287 Btuh
Latent gain(internal)		1840 Btuh
Total latent gain		11127 Btuh
TOTAL HEAT GAIN		76601 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *[Signature]*

DATE: 5-18-06

Manual J Winter Calculations

Residential Load - Component Details (continued)

Josh Nickelson
Rose Creek Plantation
Lake City, FL

Project Title:
Rose Creek Plantation Lot 10

Code Only
Professional Version
Climate: North

5/18/2006

Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	40090(sqft)	268	11489 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			268	11489 Btuh

Totals for Heating	Subtotal	75855 Btuh
	Duct Loss(using duct multiplier of 0.05)	3793 Btuh
	Total Btuh Loss	79648 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Winter

Residential Load - Component Details

Josh Nickelson
Rose Creek Plantation
Lake City, FL

Project Title:
Rose Creek Plantation Lot 10

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

5/18/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	N	18.0	21.5	387 Btuh
2	2, Clear, Wood, DEF	N	24.0	21.5	516 Btuh
3	2, Clear, Wood, DEF	NE	48.0	21.5	1032 Btuh
4	2, Clear, Wood, DEF	NW	24.0	21.5	516 Btuh
5	2, Clear, Wood, DEF	N	6.0	21.5	129 Btuh
6	2, Clear, Wood, DEF	E	3.0	21.5	64 Btuh
7	2, Clear, Wood, DEF	E	54.0	21.5	1161 Btuh
8	2, Clear, Wood, DEF	S	152.0	21.5	3268 Btuh
9	2, Clear, Wood, DEF	S	20.0	21.5	430 Btuh
10	2, Clear, Wood, DEF	SE	12.0	21.5	258 Btuh
11	2, Clear, Wood, DEF	SW	12.0	21.5	258 Btuh
12	2, Clear, Wood, DEF	SE	70.0	21.5	1505 Btuh
13	2, Clear, Wood, DEF	W	8.0	21.5	172 Btuh
14	2, Clear, Wood, DEF	W	12.0	21.5	258 Btuh
15	2, Clear, Wood, DEF	W	72.0	21.5	1548 Btuh
16	2, Clear, Wood, DEF	W	12.0	21.5	258 Btuh
17	2, Clear, Wood, DEF	S	8.0	21.5	172 Btuh
18	2, Clear, Wood, DEF	N	24.0	21.5	516 Btuh
19	2, Clear, Wood, DEF	E	48.0	21.5	1032 Btuh
20	2, Clear, Wood, DEF	SE	30.0	21.5	645 Btuh
21	2, Clear, Wood, DEF	N	84.0	21.5	1806 Btuh
Window Total			741		15932 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Adjacent	17.0	280	1.3	364 Btuh
2	Concrete - Exterior	6.0	4180	5.2	21736 Btuh
Wall Total			4460		22100 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		48	17.9	861 Btuh
2	Wood - Adjac		21	9.2	193 Btuh
3	Wood - Exter		80	17.9	1435 Btuh
4	Wood - Exter		80	17.9	1435 Btuh
5	Wood - Exter		20	17.9	359 Btuh
6	Wood - Exter		80	17.9	1435 Btuh
7	Wood - Exter		80	17.9	1435 Btuh
8	Wood - Exter		20	17.9	359 Btuh
9	Wood - Exter		40	17.9	718 Btuh
Door Total			469		8230 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	4009	1.3	5212 Btuh
Ceiling Total			4009		5212 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	408.0 ft(p)	31.6	12893 Btuh
Floor Total			408.0		12893 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Josh Nickelson
Rose Creek Plantation
Lake City, FL

Project Title:
Rose Creek Plantation Lot 10

Code Only
Professional Version
Climate: North

5/18/2006

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.40	40090	267.8	5302 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			268	5302 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	8	X 300 +	5000	7400 Btuh

Totals for Cooling	Subtotal	59522 Btuh
	Duct gain(using duct multiplier of 0.10)	5952 Btuh
	Total sensible gain	65474 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	9287 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	76601 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

System Sizing Calculations - Summer

Residential Load - Component Details

Josh Nickelson
Rose Creek Plantation
Lake City, FL

Project Title:
Rose Creek Plantation Lot 10

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

5/18/2006

Window	Type	Overhang	Window Area(sqft)			HTM		Load
	Pane/SHGC/U/InSh/ExSh Omt	Len Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, DEF, N, N	N 6 4	16.0	0.0	16.0	22	22	396 Btuh
2	2, Clear, DEF, N, N	N 2 10	24.0	0.0	24.0	22	22	528 Btuh
3	2, Clear, DEF, N, N	NE 2 10	48.0	0.0	48.0	22	50	2400 Btuh
4	2, Clear, DEF, N, N	NW 2 10	24.0	0.0	24.0	22	50	1200 Btuh
5	2, Clear, DEF, N, N	N 2 3	6.0	0.0	6.0	22	22	132 Btuh
6	2, Clear, DEF, N, N	E 2 3	3.0	0.7	2.3	22	72	182 Btuh
7	2, Clear, DEF, N, N	E 2 8	54.0	7.4	46.6	22	72	3517 Btuh
8	2, Clear, DEF, N, N	S 2 9	152.0	152.0	0.0	22	37	3344 Btuh
9	2, Clear, DEF, N, N	S 8 3	20.0	20.0	0.0	22	37	440 Btuh
10	2, Clear, DEF, N, N	SE 10 3	12.0	12.0	0.0	22	62	264 Btuh
11	2, Clear, DEF, N, N	SW 10 3	12.0	12.0	0.0	22	62	264 Btuh
12	2, Clear, DEF, N, N	SE 6 9	70.0	70.0	0.0	22	62	1540 Btuh
13	2, Clear, DEF, N, N	W 2 4	8.0	1.4	6.6	22	72	507 Btuh
14	2, Clear, DEF, N, N	W 2 6	12.0	0.0	12.0	22	72	864 Btuh
15	2, Clear, DEF, N, N	W 2 7	72.0	17.1	54.9	22	72	4330 Btuh
16	2, Clear, DEF, N, N	W 2 6	12.0	0.0	12.0	22	72	864 Btuh
17	2, Clear, DEF, N, N	S 0 0	8.0	0.0	8.0	22	37	296 Btuh
18	2, Clear, DEF, N, N	N 2 8	24.0	0.0	24.0	22	22	528 Btuh
19	2, Clear, DEF, N, N	E 2 8	48.0	4.1	43.9	22	72	3252 Btuh
20	2, Clear, DEF, N, N	SE 2 8	30.0	4.6	25.4	22	62	1676 Btuh
21	2, Clear, DEF, N, N	N 2 9	84.0	0.0	84.0	22	22	1848 Btuh
Window Total			741					28373 Btuh
Walls	Type	R-Value		Area		HTM		Load
1	Frame - Adjacent	17.0		280.0		0.9		243 Btuh
2	Concrete - Exterior	6.0		4180.0		1.9		7831 Btuh
Wall Total				4460.0				8073 Btuh
Doors	Type	R-Value		Area		HTM		Load
1	Wood - Exter			48.0		10.0		479 Btuh
2	Wood - Adjac			21.0		10.0		210 Btuh
3	Wood - Exter			80.0		10.0		798 Btuh
4	Wood - Exter			80.0		10.0		798 Btuh
5	Wood - Exter			20.0		10.0		200 Btuh
6	Wood - Exter			80.0		10.0		798 Btuh
7	Wood - Exter			80.0		10.0		798 Btuh
8	Wood - Exter			20.0		10.0		200 Btuh
9	Wood - Exter			40.0		10.0		399 Btuh
Door Total				469.0				4681 Btuh
Ceilings	Type/Color	R-Value		Area		HTM		Load
1	Under Attic/Dark	30.0		4009.0		1.4		5693 Btuh
Ceiling Total				4009.0				5693 Btuh
Floors	Type	R-Value		Size		HTM		Load
1	Slab-On-Grade Edge Insulation	0.0		408.0 ft(p)		0.0		0 Btuh
Floor Total								

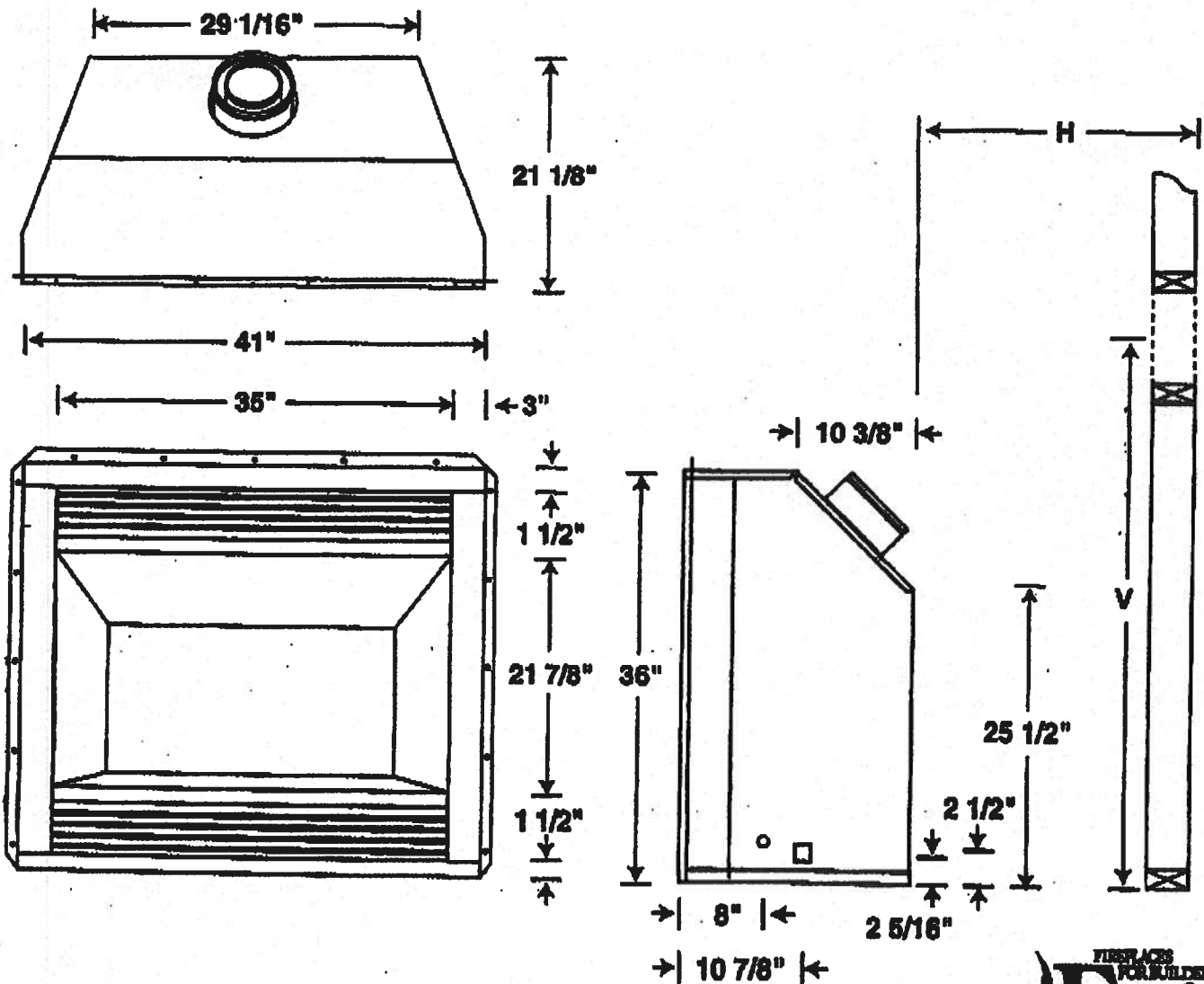
EnergyGauge® FLRCPB v3.2

Victorian

36" Direct Vent Fireplace (5" - 8" Vent Pipe)

Typ. Ground Floor Installation (1 - 45° Elbow)		
Horiz. Run (H)	Min. Height (V)	Required Horiz. Pipe
17" max.	36"	12" max.

Installations requiring a 45° and 90° Elbow		
Horiz. Run (H)	Min. Height (V)	Required Vent. Pipe
30" max.	47 1/4"	none
48" max.	57 1/4"	12"
60" max.	69 1/4"	24"
84" max.	81 1/4"	36"
144" max.	93 1/4"	48"



FINESSE
FOR BUILDERS

Fmi

THE RENAISSANCE SERIES

Victorian

36" AND 42" DIRECT VENT GAS FIREPLACES
Model V36 and V42Timeless Beauty—
And The Latest
Technologies

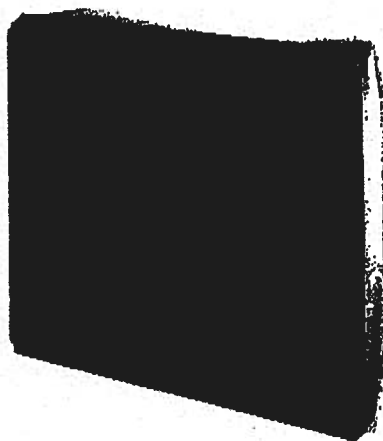
FMI's Victorian direct vent gas fireplaces are the ideal match for today's energy-efficient homes. The Victorian is the centerpiece of our exciting new Renaissance Series, which offers a consistent look, sizing, and construction across the entire line... plus beautiful new features homeowners will love!

Homeowner Highlights:

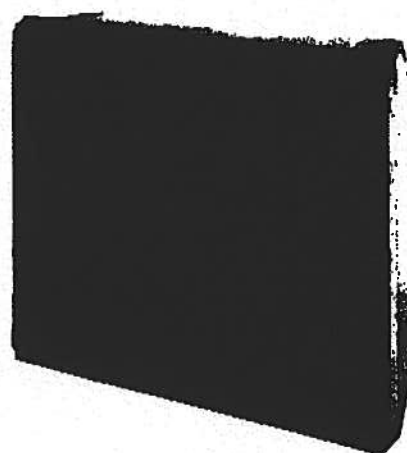
- Distinctive looks—Features random flame pattern and realistic glowing ember bed burner... plus exquisite new split oak ceramic fiber logs.
- Operation and maintenance are a breeze—Operates from wall switch or remote control. Hinged glass door swings open for easy maintenance and never needs adjustment.
- Attractive accessories—You have an array of eye-catching extras, including brass or platinum louvers and trim, realistic textured brick liner kits, and much more.

Builder Benefits:

- Secure, straight installation—We've added full-length nailing flanges, and drywall stops.
- Venting options—Our 45° slant back design lets you choose between horizontal and vertical venting for painless installation. Your choice of hard or flexible venting.
- More standard features—Flex gas connector, shut-off valve and pre-wired "J" box are all standard.



V36N features black rolled louvers.



V42NH features black rolled louvers and textured herringbone brick-lined interior.

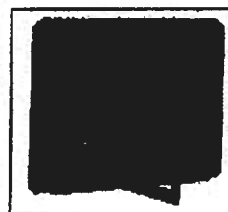
Victorian Direct Vent Fireplace Product Offering Summary

36" & 42" Direct Vent Fireplace Models Available With The Following:

- Millivolt Or Electronic Ignition
- Natural Or Propane Fuel
- Black, Standard Brick, And Herringbone Pattern Refractory Brick Interiors
- All fireplaces use 3" - 8" pipe. 36" models @ 32,000 Btu/42" models @ 33,000 Btu.



Victorian models offer random, tiered flame patterns and gorgeous glowing ember bed burners.

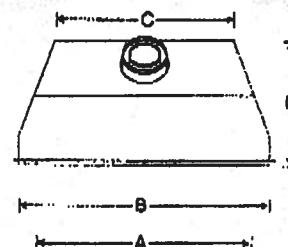


Hinged, tool-less entry door swings open for easy maintenance.

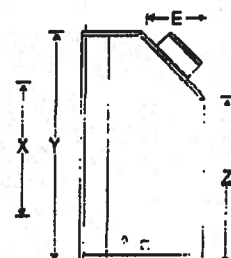
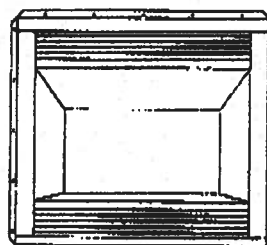
Accessory Offering Summary

- Smooth Face, Stamped Steel and Rolled Black Louver Panels
- Louver Trim (Brushed Brass & Platinum)
- Perimeter Trim Kits (Black, Brushed Brass & Platinum)
- Standard & Herringbone Refractory Brick Liners
- Remote Control Kits
- Fan Kits
- Deflection Hoods

Dimensions



	36"	42"
A	36	42
B	41	48
C	29	36
D	21 1/8	23 1/8
E	10 1/3	10 1/3
X	21 3/4	25 3/4
Y	38	40
Z	25 1/2	29 1/3



FIREPLACES
FOR BUILDERS
Fmi

DESA International
www.dcsaint.com

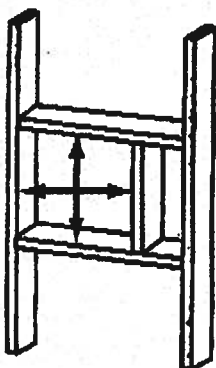
For more information, call (800) 888-2050

Victorian

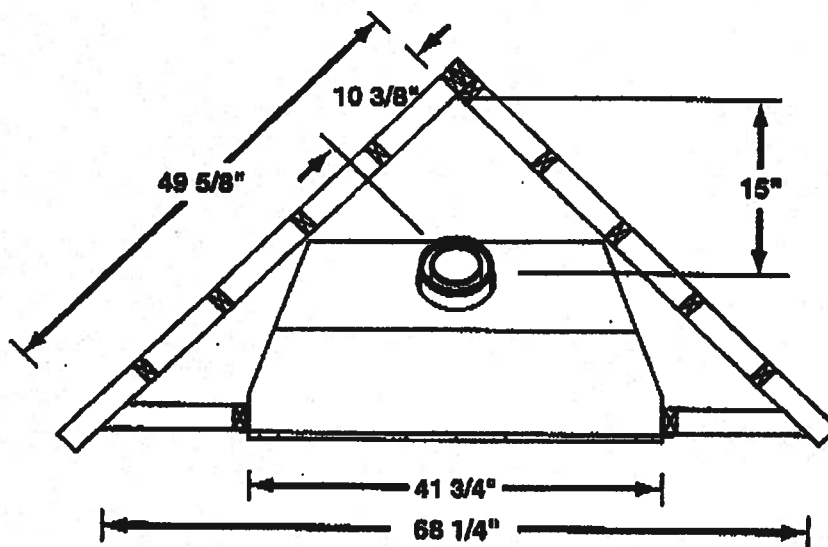
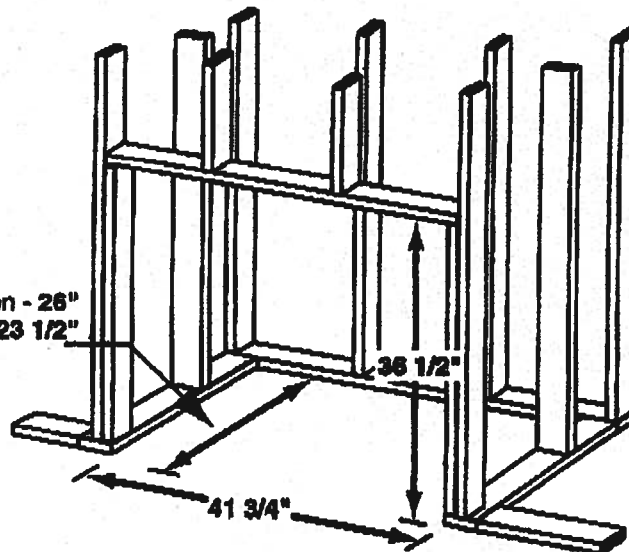
36" Direct Vent Fireplace

Framing Dimensions

Vent Opening - 10 3/4" Square (I.D.)



Vertical Termination - 26"
Horizontal Termination - 23 1/2"



NOTE:

Built-in Features Such as Mantels, Bookshelves, etc. Made of Combustible Materials Must Maintain Minimum Clearances from the Fireplace. See Installation Instructions for Complete Information



roofing



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--	---	---	---	--	--

Product Manufacturer

Address/Phone/Email

Authorized Signature

Technical Representative

Address/Phone/Email

Quality Assurance Representative Address/Phone/Email	Steve Zigich 200 Story Road Lake Wales, FL 33853 szigich@monierlifetile.com																								
Category Subcategory	Roofing Roofing Tiles																								
Compliance Method	Evaluation Report from a Product Evaluation Entity																								
Evaluation Entity Quality Assurance Entity Validated By	SBCCI PST and ESI PSI/Pittsburgh Testing Laboratory Gary W. Walker																								
Certificate of Independence																									
Referenced Standard and Year (of Standard)	<table><tr><th><u>Standard</u></th><th><u>Year</u></th></tr><tr><td>02-0328.04</td><td>2002</td></tr><tr><td>02-0328.05</td><td>2002</td></tr><tr><td>02-1205.04</td><td>2002</td></tr><tr><td>02-1205.05</td><td>2002</td></tr><tr><td>02-1205.06</td><td>2002</td></tr><tr><td>02-1205.07</td><td>2002</td></tr><tr><td>02-1211.06</td><td>2002</td></tr><tr><td>02-1211.07</td><td>2002</td></tr><tr><td>02-1211.08</td><td>2002</td></tr><tr><td>04-0512.04</td><td>2004</td></tr><tr><td>ASTM C 1492</td><td>2003</td></tr></table>	<u>Standard</u>	<u>Year</u>	02-0328.04	2002	02-0328.05	2002	02-1205.04	2002	02-1205.05	2002	02-1205.06	2002	02-1205.07	2002	02-1211.06	2002	02-1211.07	2002	02-1211.08	2002	04-0512.04	2004	ASTM C 1492	2003
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02-1211.08	2002																								
04-0512.04	2004																								
ASTM C 1492	2003																								

FRSA/RTI 07320	2001
FRSA/RTI 07320	2001
FRSA/RTI 07320	2001
FRSA/RTI 07320	2001
RAS 118	2004
RAS 119	2004
RAS 120	2004
SSTD 11	1997
TAS 101	1995
TAS 102	1995
TAS 102(A)	1995
TAS 112	1995

Equivalence of Product Standards
Certified By

Sections from the Code

1507.3.2
1507.3.5
1507.3.7
1507.3.8
1507.3.9
1518.8.1
1518.8.1
1518.8.1
1523.6.5.2
1523.6.5.2.2
1523.6.5.2.3
1523.6.5.2.3.
1715.2

Product Approval Method

Method 1 Option C

Date Submitted

08/18/2005

Date Validated

10/19/2005

Date Pending FBC Approval

10/01/2005

Date Approved

11/11/2005

Summary of Products

FL #	Model, Number or Name	Description
560.1	Atlantis Shake and Slate	Installation Instructions Verified By: Evaluation Reports <u>PTID 560 R1 T 02032804 Premium Duralite</u> <u>Shake and Slate.pdf</u> <u>PTID 560 R1 T 02032805 Premium Duralite</u> <u>Villa.pdf</u> <u>PTID 560 R1 T 02120504 Mission S and</u> <u>Espana.pdf</u> <u>PTID 560 R1 T 02120505 Villa, Roll, and</u> <u>Capri.pdf</u> <u>PTID 560 R1 T 02120506 Shake and Slate.pdf</u> <u>PTID 560 R1 T 02120507 Spanish S.pdf</u> <u>PTID 560 R1 T 02121106 Cedarlite.pdf</u> <u>PTID 560 R1 T 02121107 Mission Barrel.pdf</u> <u>PTID 560 R1 T 02121108 Atlantis.pdf</u> <u>PTID 560 R1 T 04051204 Madera.pdf</u> <u>PTID 560 R1 T 9460C.pdf</u> <u>PTID 560 R1 T Certificate+of+Independence.pdf</u> <u>PTID 560 R1 T FRSA Manual.pdf</u>
560.2	Capri	medium profile
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/-		Installation Instructions Verified By: Evaluation Reports

Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.	
560.3	Cedarite
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.	
Installation Instructions Verified By: Evaluation Reports	
560.4	Duralite Shake and Slate
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.	
Installation Instructions Verified By: Evaluation Reports	
560.5	Duralite Villa
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.	
Installation Instructions Verified By: Evaluation Reports	
	medium profile

560.6	Espana	high profile
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		Installation Instructions Verified By: Evaluation Reports
560.7	Madera	flat profile
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and in non high velocity hurricane zones.		Installation Instructions Verified By: Evaluation Reports
560.8	Mission 'S'	high profile
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		Installation Instructions Verified By: Evaluation Reports
560.9	Mission Barrel	high profile
Limits of Use (See Other) Approved for use in HVHZ:		Installation Instructions Verified By:

Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		Evaluation Reports
560.10	Shake and Slate	flat profile
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		Installation Instructions Verified By: Evaluation Reports
560.11	Spanish 'S'	high profile
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		Installation Instructions Verified By: Evaluation Reports
560.12	Vanguard Roll	medium profile
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may		Installation Instructions Verified By: Evaluation Reports

be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.	
560.13	Villa
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.	Installation Instructions Verified By: Evaluation Reports

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Solid cork

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OUR EMPLOYEES SERVICES

FL #

FL331-R2

Application Type

Revision

Code Version

2004

Application Status

Approved

Comments

Archived



Product Manufacturer

PGT Industries

Address/Phone/Email

1070 Technology Drive
Nokomis, FL 34275
(941) 480-1600 ext 1124
lturner@pgtindustries.com

Authorized Signature

Lucas Turner
lturner@pgtindustries.com

Technical Representative

Lucas A. Turner

Address/Phone/Email

1070 Technology Drive
Nokomis, FL 34275
(941) 480-1600
lturner@pgtindustries.com

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Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Exterior Doors
Swinging Exterior Door Assemblies

Compliance Method

Certification Mark or Listing

Certification Agency

American Architectural Manufacturers Association

Referenced Standard and Year (of
Standard)

Standard
ANSI/AAMA/NWWDA 101/I.S.2

Year
1997

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

08/03/2005
08/03/2005
08/04/2005
08/24/2005

Summary of Products

FL #	Model, Number or Name	Description
------	-----------------------	-------------

331.1	SWD-100	Aluminum Cabana Door
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: HGD-LC40-37x80		Certification Agency Certificate Installation Instructions PTID 331 R2 I FTL-3473.pdf Verified By:

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Product Approval Accepts:



French door

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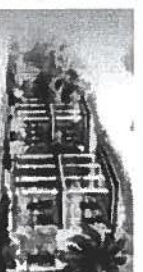
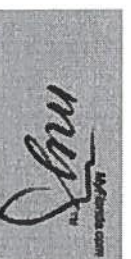
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FL #	FL161-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Custom Window Systems, Inc.
Address/Phone/Email	981 N.E. 16th Street Ocala, FL 34470 (352) 368-6922 ext 206 Nancy@cws.cc
Authorized Signature	Nancy Haldin Nancy@cws.cc
Technical Representative	Michael LaFevre
Address/Phone/Email	981 NE 16th Street Ocala, FL 34470 Michael@cws.cc

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Quality Assurance Representative	Ralph Emminger		
Address/Phone/Email	981 NE 16th Street Custom Window Systems, Inc. Ocala, FL 34470 (352) 368-6922 ralph@cws.cc		
Category	Exterior Doors		
Subcategory	Swinging Exterior Door Assemblies		
Compliance Method	Certification Mark or Listing		
Certification Agency	Keystone Certifications, Inc.		
Referenced Standard and Year (of Standard)	<u>Standard</u> ANSI/AAMA/WDMA 101/IS2-97	<u>Year</u> 1997	
Equivalence of Product Standards Certified By			
Product Approval Method	Method 1 Option A		
Date Submitted	08/02/2005		
Date Validated	08/02/2005		
Date Pending FBC Approval	08/04/2005		
Date Approved	08/24/2005		

Summary of Products

FL #	Model, Number or Name	Description
161.1	Guardian Entry Door	Guardian Entry Door
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Guardian Entry Door HGD-LC40 37x81		Certification Agency Certificate Installation Instructions <u>PTID 161 R1 I CAR 138-109.pdf</u> <u>PTID 161 R1 I CWS-0131.pdf</u> <u>PTID 161 R1 I CWS-0133.pdf</u> <u>PTID 161 R1 I CWS-0134.pdf</u> Verified By:

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Product Approval Accepts:



Product Sliding Glass Door
http://www.floridabuilding.org/pr/pr_app_dtl.aspx?param=wGEVXQwrDqt3e1SAlnEOW...

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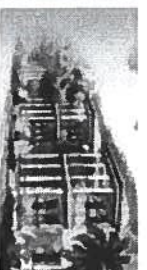
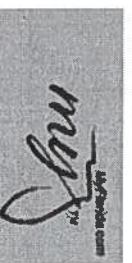


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FL #	FL157-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Custom Window Systems, Inc.
Address/Phone/Email	981 N.E. 16th Street Ocala, FL 34470 (352) 368-6922 ext 206 Nancy@cws.cc
Authorized Signature	Nancy Haldin Nancy@cws.cc
Technical Representative	Michael LaFevre
Address/Phone/Email	981 NE 16th Street Ocala, FL 34470 Michael@cws.cc



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Quality Assurance Representative Address/Phone/Email		Ralph Emminger 981 NE 16th Street Custom Window Systems, Inc. Ocala, FL 34470 (352) 368-6922 ralph@cws.cc
Category	Subcategory	Exterior Doors Sliding Exterior Door Assemblies
Compliance Method	Certification Mark or Listing	
Certification Agency	Keystone Certifications, Inc.	
Referenced Standard and Year (of Standard)	<u>Standard</u> ANSI/AAMA/WDMA 101/IS2-97	<u>Year</u> 1997
Equivalence of Product Standards Certified By		
Product Approval Method	Method 1 Option A	
Date Submitted	08/02/2005	
Date Validated	08/02/2005	
Date Pending FBC Approval	08/04/2005	
Date Approved	08/24/2005	

Summary of Products

FL #	Model, Number or Name	Description
157.1	9000 OXX SGD	9000 OXX SGD
Limits of Use (See Other) Approved for use in HVHZ: Impact Resistant: Design Pressure: +/- Other: 9000 OXX SGD SGD-C35 146x96		
Certification Agency Certificate Installation Instructions PTID 157 R1 I CAR 138-115.pdf PTID 157 R1 I CAR 138-116.pdf PTID 157 R1 I CAR 138-117.pdf PTID 157 R1 I CAR 138-118.pdf PTID 157 R1 I CWS-011.pdf PTID 157 R1 I CWS-012.pdf PTID 157 R1 I CWS-013.pdf PTID 157 R1 I CWS-014.pdf PTID 157 R1 I CWS-018.pdf PTID 157 R1 I CWS-019.pdf PTID 157 R1 I CWS-020.pdf PTID 157 R1 I CWS-021.pdf PTID 157 R1 I CWS-022.pdf PTID 157 R1 I CWS-023.pdf PTID 157 R1 I CWS-024.pdf PTID 157 R1 I CWS-025.pdf PTID 157 R1 I CWS-026.pdf PTID 157 R1 I CWS-027.pdf PTID 157 R1 I CWS-028.pdf PTID 157 R1 I CWS-029.pdf Verified By:		
157.2	9200 OXX SGD	9200 OXX SGD
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 9200 OXX SGD w/heavy duty interlock SGD-C50 146x96		
Certification Agency Certificate Installation Instructions Verified By:		

157.3	9200 XX SGD	9200 XX SGD	Certification Agency Certificate Installation Instructions Verified By:
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 9200 XX SGD w/heavy duty interlock SGD-C35 120x96			
157.4	9200 XXX POCKET SGD	9200 XXX Pocket SGD	Certification Agency Certificate Installation Instructions Verified By:
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 9200 XXX Pocket SGD SGD-C45 146x96			

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Product Approval Accepts:

Sliding Glass Door

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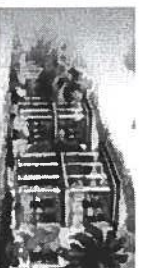
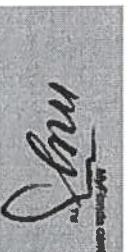
FL # FL126-R1
Application Type Revision
Code Version 2004
Application Status Approved
Comments
Archived ☐

Product Manufacturer Kinco, Ltd.
Address/Phone/Email P.O. Box 6429
5245 Old Kings Road
Jacksonville, FL 32236-642
(904) 355-1476 ext 180
jim.puckett@kinco-windows.com

Authorized Signature James Puckett
jim.puckett@kinco-windows.com

Technical Representative James Puckett
Address/Phone/Email 5245 Old Kings Rd. N.
Jacksonville, FL 32254
jim.puckett@kinco-windows.com

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Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Exterior Doors
Sliding Exterior Door Assemblies

Compliance Method

Certification Mark or Listing

Certification Agency

American Architectural Manufacturers Association

Referenced Standard and Year (of
Standard)

Standard
ANSI/AAMA/NWWDA 101 I.S. 2

Year
1997

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

09/22/2005
09/30/2005
09/30/2005
10/11/2005

Summary of Products

FL #	Model, Number or Name	Description
------	-----------------------	-------------

126.1	Mark 2/3/4/5	Aluminum Sliding Glass Door
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: BYPASS only DP35 4068panel DP30 3080panel		
126.2	Mark 2/3/4/5 HP	Aluminum Sliding Glass Door
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: BYPASS and POCKET DP40 4080panel		
		Certification Agency Certificate Installation Instructions PTID 126 R1 I KJAX0077 - SGD 1x buck.PDF PTID 126 R1 I KJAX0078 - SGD 2x buck or wood frame.PDF Verified By:

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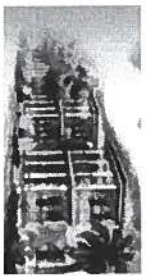
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Product Approval Accepts:



Garage Door

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FL #	FL742-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Overhead Door Corporation
Address/Phone/Email	1900 Crown Drive Farmers Branch, TX 75007 (972) 969-6859 chuck_bluume@overheaddoor.com
Authorized Signature	Chuck Bluume chuck_bluume@overheaddoor.com
Technical Representative	Leroy Krupke
Address/Phone/Email	1900 Crown Drive Farmers Branch, TX 75007 (972) 830-8634 leroy_krupke@overheaddoor.com

Quality Assurance Representative Address/Phone/Email	Bill Byrd 1900 Crown Drive Farmers Branch, TX 75007 (972) 969-6868 bill_byrd@overheaddoor.com	
Category	Exterior Doors	
Subcategory	Roll-Up Exterior Door Assemblies	
Compliance Method	☒ Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☐ Evaluation Report - Hardcopy Received	
Florida Engineer or Architect Name who developed the Evaluation Report	John E. Scates, PE	
Florida License	PE-51737	
Quality Assurance Entity	PFS Corporation	
Validated By	Andy Hlavaty	
Certificate of Independence		
Referenced Standard and Year (of Standard)	<u>Standard</u> ANSI/DASMA 108 ASTM E-330	<u>Year</u> 2002 2002
Equivalence of Product Standards Certified By		
Sections from the Code	1714.5.3.1 1714.5.3.1	

Product Approval Method

Method 1 Option D

Date Submitted

07/22/2005

Date Validated

08/02/2005

Date Pending FBC Approval

08/08/2005

Date Approved

08/24/2005

Summary of Products

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FL #	Model, Number or Name	Description
742.1	Series 600, Coil-Away	Drawing 308114 Rev C
Limits of Use (See Other) Approved for use in HVHZ: Impact Resistant: Design Pressure: +/- Other: 20/30 psf thru 41/61.5 psf, not for use in HVHZ		
Installation Instructions Verified By: Evaluation Reports <u>PTID 742 R1 T 205983 0005 INSTALLATION INSTRUCTION, COILAWAY, SERIES 600 FACE MOUNTED.pdf</u> <u>PTID 742 R1 T 300922 0005 Rolling Service Door 610,620,625.pdf</u> <u>PTID 742 R1 T 308114C SERIES 600, COILAWAY, 20.30 PSF THRU 41,61.5 PSF.pdf</u> <u>PTID 742 R1 T ATT01-41331.06.pdf</u> <u>PTID 742 R1 T ATT01-41331.07.pdf</u> <u>PTID 742 R1 T ATT01-41331.08.pdf</u> <u>PTID 742 R1 T ATT01-41331.09.pdf</u> <u>PTID 742 R1 T ATT01-41331.10.pdf</u> <u>PTID 742 R1 T ATT01-43483.02.pdf</u> <u>PTID 742 R1 T Cert of Independence Scates 2005 w sig.pdf</u> <u>PTID 742 R1 T coilaway.pdf</u> <u>PTID 742 R1 T Eval Rept 610 620 625.pdf</u> <u>PTID 742 R1 T Eval Rept Series 600 Rev3 w sig.pdf</u> <u>PTID 742 R1 T WINDLOAD DRAWINGS, SERIES 625 FIP.pdf</u>		

PTID 742 R1 T WINDLOAD DRAWINGS, SERIES 610, C187.pdf PTID 742 R1 T WINDLOAD DRAWINGS, SERIES 610, C275.pdf PTID 742 R1 T WINDLOAD DRAWINGS, SERIES 610,620, F265.pdf		
742.2	Series 610, C187	Drawing 308083 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 31 psf design, 46.5 psf test, Max door width 20', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.3	Series 610, C187	Drawing 308084 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 36 psf design, 54 psf test, Max door width 20', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.4	Series 610, C187	Drawing 308085 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 41 psf design, 61.5 psf test, Max door width 20', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.5	Series 610, C187	Drawing 308086 Rev F

Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 50 psf design, 75 psf test, Max door width 20', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.6	Series 610, C187	Drawing 308082 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 26 psf design, 39 psf test, Max door width 20', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.7	Series 610, C275	Drawing 308087 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 26 psf design, 39 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.8	Series 610, C275	Drawing 308088 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 31 psf design, 46.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports

742.9		Series 610, C275	Drawing 308089 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 36 psf design, 54 psf test, Max door width 40', Max door height 30', not for use in HVHZ			Installation Instructions Verified By: Evaluation Reports
742.10		Series 610, C275	Drawing 308090 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 41 psf design, 61.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ			Installation Instructions Verified By: Evaluation Reports
742.11		Series 610, C275	Drawing 308091 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 50 psf design, 75 psf test, Max door width 35', Max door height 30', not for use in HVHZ			Installation Instructions Verified By: Evaluation Reports
742.12		Series 610/620, F265	Drawing 308092 Rev G
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/-			Installation Instructions Verified By: Evaluation Reports

Other: 26 psf design, 39 psf test, Max door width 40', Max door height 30', not for use in HVHZ		
742.13	Series 610/620, F265	Drawing 308093 Rev G
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 31 psf design, 46.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.14	Series 610/620, F265	Drawing 308094 Rev G
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 36 psf design, 54 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.15	Series 610/620, F265	Drawing 308095 Rev G
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 41 psf design, 61.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.16	Series 610/620, F265	Drawing 308096 Rev G

Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 50 psf design, 75 psf test, Max door width 35', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.17	Series 625, FIP	Drawing 308097 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 26 psf design, 39 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.18	Series 625, FIP	Drawing 308098 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 31 psf design, 46.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports
742.19	Series 625, FIP	Drawing 308099 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 36 psf design, 54 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports

742.20	Series 625, FIP	Drawing 308100 Rev F
Limits of Use (See Other) Approved for use in HVHZ: Impact Resistant: Design Pressure: +/- Other: 41 psf design, 61.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		Installation Instructions Verified By: Evaluation Reports

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Product Approval Accepts:



Category
Subcategory

Windows
Fixed

Compliance Method

Certification Mark or Listing

Certification Agency

Window and Door Manufacturers Association

Referenced Standard and Year (of
Standard)

Standard
101/I.S.2-97
101/I.S.2/NAFS
ASTM E 1996

Year
1997
2002
2002

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

11/02/2005

Date Validated

11/14/2005

Date Pending FBC Approval

11/17/2005

Date Approved

12/06/2005

Summary of Products

FL #	Model, Number or Name	Description
1092.1	200 Series Picture Window - Non Impact	Vinyl Clad Wood Picture Window

Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate: 129-H-734.00 Rating is F-LC40 60" x 66" Unit tested was a FX 5056		Certification Agency Certificate Installation Instructions <u>PTID 1092 R1 I 200 Series Picture Window.pdf</u> <u>PTID 1092 R1 I 400 PSCA Picture.pdf</u> <u>PTID 1092 R1 I 400 Series CTN HPIR.pdf</u> <u>PTID 1092 R1 I 400 Series Flexi HPIR.pdf</u> <u>PTID 1092 R1 I 400 Series PSCA Picture HPIR.pdf</u> <u>PTID 1092 R1 I 400 Series Springline HPIR.pdf</u> <u>PTID 1092 R1 I 400 Series Woodwright Picture.pdf</u> <u>PTID 1092 R1 I 400 Tilt Wash Picture with HPIR.pdf</u> <u>PTID 1092 R1 I 400 Woodwright Transom.pdf</u> Verified By:
1092.2	400 Series Casement Picture Window - Non Impact	Vinyl Clad Wood Fixed Window
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate: 129-H-611.00 Rating is F-C60 60" x 72" Unit tested was a P5060 with HP Glass		Certification Agency Certificate Installation Instructions Verified By:
1092.3	400 Series Casement Picture Window - Impact Resistant	Vinyl Clad Wood Fixed Window
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate: 129-H-632.00 Rating		Certification Agency Certificate Installation Instructions Verified By:

is F-C50 60" x 72" Unit tested was a P 5060 with HPIR Glass Hallmark Certificate: 129-H-632.02 Rating is Missile Level D, Cycle Pressure +50/-65 Unit Tested was a P5060 with HPIR Glass		
1092.4	400 Series Tilt Wash Double Hung - Picture Window - Impact Resistant	Vinyl Clad Wood Fixed Window
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Rating 129-H-648.00 Rating is Missile Level D, Cycle Pressure +50/-65 Unit Tested was a DHP5662 with HPIR Glass Hallmark Certificate: 129-H-653.00 Rating is F-C50 68" x 77" Unit tested was a DHP5662 with HPIR Glass		
1092.5	400 Series Tilt Wash Transom Window - Impact Resistant	Vinyl Clad Wood Fixed Window
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate: 129-H-649.00 Rating is Missile Level D, Cycle Pressure +50/-65 Unit tested was a TWT3831 with HPIR Glass Hallmark Certificate: 129H-680.02 Rating is F-R50 46" x 40" Unit tested was a TWT 3831 with HPIR Glass		
1092.6	400 Series Woodwright Double Hung - Picture Window	Vinyl clad wood fixed window

- Non Impact		Certification Agency Certificate Installation Instructions Verified By:
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate: 129-H-627.00 Rating is F-C65 1710mm x 1952mm Unit tested was a WPW5662 with HP Glass Hallmark Certificate: 129-H-667.00 Rating is TR LC65 1929mm x 1219mm Unit tested was a WTR7648 with HP Glass		
1092.7	400 Specialty Windows - Impact Resistant	Fiberglass Clad Wood Fixed Window
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate: 129-H-622.00 Rating is Missile Level D, Cycle Pressure +50/-65, Size is 96" x 21" Unit Tested was ET8 with HPIR Glass Hallmark Certificate: 129-H-624.00 Rating is: F-C50 124" x 64" Unit Tested was a Flexiframe 10050 with HPIR Glass Hallmark Certificate: 129-H-624.02 Rating is Missile Level D, Cycle Pressure +50/-65, Size is 124" x 64" Unit tested was a Flexiframe 10050 with HPIR Glass Hallmark Certificate: 129-H-657.00 Rating is F-C50 107" x 74" Unit tested was a Flexiframe 10673 with HPIR Glass Hallmark Certificate: 129-H-659.00 Rating is Missile Level D, Cycle Pressure +50/-65, Size 107" x 74" Unit tested was a Flexiframe 10673 with HPIR Glass Hallmark Certificate: 129-H-623.00 Rating is F-R50 96" x 72" Unit tested was a SP802 with HPIR Glass Hallmark Certificate: 129-H-623.02 Rating is Missile		Certification Agency Certificate Installation Instructions Verified By:

Level D, Cycle Pressure +50/-65, Size is 96" x 72"
Unit test was a SP802 with HPIR Glass Hallmark
Certificate: 129-H-621.00 Rating is Missile Level D,
Cycle Pressure +50/-65, Size is 72" x 39" Unit
tested was a CTC3 with HPIR Glass Hallmark
Certificate: 129-H-664.00 Rating is Missile Level D,
Cycle Pressure +50/-65, Size is 76" x 40" Unit test
was a CTN30-2 with HPIR Glass

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Community Affairs

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Product Approval
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[illegible]

FL1086-R1

Revision

2004

Approved

Andersen Corporation
100 Fourth Avenue North

Bayport, MN 55003
(651) 264-5308
abarstad@andersencorp.com

Alan Barstad

abarstad@andersencorp.com

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Windows
Casement

Compliance Method

Certification Mark or Listing

Certification Agency

Window and Door Manufacturers Association

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
101/I.S.2	1997
101/I.S.2/A440	2005
ASTM E 1996	2002

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted	11/02/2005
Date Validated	11/02/2005
Date Pending FBC Approval	11/09/2005
Date Approved	12/06/2005

Summary of Products

FL #	Model, Number or Name	Description
1086.1	200/400 Series Casement Window - Doubles - Impact	Vinyl Clad Casement Wood Window

Resistant		Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate 129-H-636.00 Rating is C-C50 57" x 72" Unit tested was CW26 w/HPIR Glass Hallmark Certificate 129-H-636.02 Rating is ASTM E1996-02, Missile D, Cycle Pressure of +50/-65 Unit tested was CW26 w/HPIR Glass	Certification Agency Certificate Installation Instructions <u>PTID 1086 R1 I PSC-A Installation Impact.pdf</u> <u>PTID 1086 R1 I PSC-A Installation Non Impact.pdf</u> Verified By:
1086.2	200/400 Series Casement Window - Doubles - Non Impact	Vinyl Clad Casement Wood Window	
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate 129-H-674.00 Rating is C-C45 72" x 60" Unit Tested was a CXW25 with HP Glass Hallmark Certificate 129-H-674.01 Rating is C-C50 72" x 53" Unit Tested was a CXW245 with HP Glass Hallmark Certificate 129-H-685.00 Rating is C-C50 57" x 72" Unit Tested was a CW26 with HP Glass Hallmark Certificate 129-H-730.01 Rating is C-R50 1594mm x 1520mm Unit Tested was a CX25 with HP Glass		Certification Agency Certificate Installation Instructions Verified By:	
1086.3	200/400 Series Casement Window - Singles - Impact Resistant	Vinyl Clad Outswing Casement Window	

Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate 129-H-634.00 Rating is C-C50 29" x 72" Unit Tested was a CW16 w/HPIR Hallmark Certificate 129-H-634.02 Rating is ASTM E1996, Missile D, Cycle Pressure of +50/-65 Unit Tested was a CW16 w/HPIR Hallmark Certificate 129-H-637.00 Rating is C-C50 36" x 53" Unit tested was CXW145 w/HPIR Hallmark Certificate 129-H-637.02 Rating is ASTM E1996-02, Missile D, Cycle Pressure of +50/-65 Unit tested was CXW145 w/HPIR		Certification Agency Certificate Installation Instructions Verified By:
1086.4	200/400 Series Casement Window - Singles - Non Impact	Vinyl Clad Wood Casement Window
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate 129-H-630.00 Rating is C-C50 36" x 72" Unit tested was CXW16 with HP Glass Hallmark Certificate 129-H-631.00 Rating is C-C75 25" x 60" Unit tested was a C15 with HP Glass		Certification Agency Certificate Installation Instructions Verified By:
1086.5	200/400 Series Casement Window - Triples - Impact Resistant	Vinyl Clad Wood Casement Window (XOX)
Limits of Use (See Other) Approved for use in HVHZ:		Certification Agency Certificate Installation Instructions

Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate 129-H-635.00 Rating is C-C50 72" x 60" Unit tested was a C35 w/HPiR Glass Hallmark Certificate 129-H-635.02 Rating is ASTM E1996-02, Missile D, Cycle Pressure +50/-65 Unit tested was a C35 w/HPiR Glass		Verified By:
1086.6	200/400 Series Casement Window - Triples - Non Impact	Vinyl Clad Wood Casement Window (XOX)
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Hallmark Certificate 129-H-686.00 Rating is C-C60 72" x 60" Unit tested was C35 with HP Glass Hallmark Certificate 129-H-695.00 Rating is C-C40 85" x 60" Unit tested was CW35 with HP Glass		Certification Agency Certificate Installation Instructions Verified By:

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Department of Community Affairs
Florida Building Code Online
Codes and Standards

2555 Shumard Oak Boulevard
 Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:





New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

24655

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-5011
FHAVA Case No. (if any) _____

Section 2: Builder Information

Company Name: Compass Builders Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Walter Little to Rose Ervick 1st on Rt

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 48 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 9-20-06
Brand Name of Product(s) Used C-Pro
EPA Registration No. 79676-1
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 5009 Linear ft. 442 Linear ft. of Masonry Voids 442
Approximate Total Gallons of Solution Applied 1560
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No upon completion of job.
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments Garage not treated at some time as marked.

Name of Applicator(s) ST Brown Certification No. (if required by State law) JB104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature ST Brown Date 9-20-06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

Project Information for:		L163476					
Builder:	Compass Builders	Date:	5/19/2006				
Lot:	Lot 10 Rose Creek	Start Number:	2283				
Subdivision:	N/A						
County or City:	Columbia County						
Truss Page Count:	113						
Truss Design Load Information (UNO)		Design Program: MiTek 5.2 / 6.2					
Gravity	Wind	Building Code: FBC2004					
Roof (psf): 50	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)							
KIRSCH, JACOB CHRISTOPHER CBC1253775							
Address:	1030 SW ROSSBROUGH CT #101	Designer:	72				
	LAKE CITY, FLORIDA 32025						
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	0519062283	5/19/2006	41	PB16A	0519062323	5/19/2006
2	CJ1K	0519062284	5/19/2006	42	PB16B	0519062324	5/19/2006
3	CJ2	0519062285	5/19/2006	43	PB16C	0519062325	5/19/2006
4	CJ3	0519062286	5/19/2006	44	PB16D	0519062326	5/19/2006
5	CJ3A	0519062287	5/19/2006	45	PB18	0519062327	5/19/2006
6	CJ3B	0519062288	5/19/2006	46	PB18A	0519062328	5/19/2006
7	CJ3C	0519062289	5/19/2006	47	PB18B	0519062329	5/19/2006
8	CJ3K	0519062290	5/19/2006	48	PB18C	0519062330	5/19/2006
9	CJ4K	0519062291	5/19/2006	49	PB18D	0519062331	5/19/2006
10	CJ5	0519062292	5/19/2006	50	T01	0519062332	5/19/2006
11	CJ5A	0519062293	5/19/2006	51	T02	0519062333	5/19/2006
12	CJ5B	0519062294	5/19/2006	52	T03	0519062334	5/19/2006
13	CJ5C	0519062295	5/19/2006	53	T04	0519062335	5/19/2006
14	CJ5K	0519062296	5/19/2006	54	T05	0519062336	5/19/2006
15	CJ6K	0519062297	5/19/2006	55	T06	0519062337	5/19/2006
16	CJ7K	0519062298	5/19/2006	56	T07	0519062338	5/19/2006
17	CJ8K	0519062299	5/19/2006	57	T08	0519062339	5/19/2006
18	CJ9K	0519062300	5/19/2006	58	T09	0519062340	5/19/2006
19	EJ3	0519062301	5/19/2006	59	T10	0519062341	5/19/2006
20	EJ5	0519062302	5/19/2006	60	T11	0519062342	5/19/2006
21	EJ7	0519062303	5/19/2006	61	T12	0519062343	5/19/2006
22	EJ7A	0519062304	5/19/2006	62	T13	0519062344	5/19/2006
23	EJ7B	0519062305	5/19/2006	63	T14	0519062345	5/19/2006
24	EJ7C	0519062306	5/19/2006	64	T15	0519062346	5/19/2006
25	EJ7D	0519062307	5/19/2006	65	T16	0519062347	5/19/2006
26	EJ7E	0519062308	5/19/2006	66	T17	0519062348	5/19/2006
27	EJ10	0519062309	5/19/2006	67	T18	0519062349	5/19/2006
28	EJ10A	0519062310	5/19/2006	68	T19	0519062350	5/19/2006
29	HJ4	0519062311	5/19/2006	69	T20	0519062351	5/19/2006
30	HJ5	0519062312	5/19/2006	70	T21	0519062352	5/19/2006
31	HJ9A	0519062313	5/19/2006	71	T22	0519062353	5/19/2006
32	HJ9B	0519062314	5/19/2006	72	T23	0519062354	5/19/2006
33	HJ9D	0519062315	5/19/2006	73	T24	0519062355	5/19/2006
34	HJ9K	0519062316	5/19/2006	74	T25	0519062356	5/19/2006
35	HJ11K	0519062317	5/19/2006	75	T26	0519062357	5/19/2006
36	PB11	0519062318	5/19/2006	76	T27	0519062358	5/19/2006
37	PB11A	0519062319	5/19/2006	77	T28	0519062359	5/19/2006
38	PB11B	0519062320	5/19/2006	78	T29	0519062360	5/19/2006
39	PB11C	0519062321	5/19/2006	79	T30	0519062361	5/19/2006
40	PB16	0519062322	5/19/2006	80	T31	0519062362	5/19/2006

MAY 19 2006

L163476

5/19/2006

2283

N/A

Columbia County

113

Truss Design Load Information (UNO)

Design Program: MiTek 5.2 / 6

Gravity

Wind

Building Code:

FBC2004

50

Wind Standard:

ASCE 7-02

55

Wind Speed (mph):

110

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

KIRSCH,JACOB CHRISTOPHER CBC1253775

Address: 1030 SW ROSSBROUGH CT #101

LAKE CITY,FLORIDA 32025

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 1-1995 Section 2.2
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.

[illegible]

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Licensee Details

Licensee Information

Name: **KIRSCH, JACOB CHRISTOPHER (Primary Name)**
COMPASS BUILDERS & ASSOCIATES CORP (DBA Name)
 Main Address: **1030 SW ROSSBROUGH CT # 101**
LAKE CITY Florida 32025
 County: **COLUMBIA**

License Mailing:

LicenseLocation: **197 SW WATERFORD CT #106**
LAKE CITY FL 32025
 County: **COLUMBIA**

License Information

License Type: **Certified Building Contractor**
 Rank: **Cert Building**
 License Number: **CBC1253775**
 Status: **Current,Active**
 Licensure Date: **01/06/2006**
 Expires: **08/31/2006**

Special Qualifications **Qualification Effective**
Qualified Business License **01/06/2006**
Required

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Job # L163476	Truss CJ1	Truss Type JACK	Qty 14	Ply 1	COMPASS BLDGS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue May 16 13:09:49 2006 Page 1		

Scale = 1:10.1

Plate Offsets (X,Y): [2'-0"-12, 0'-1'-8], [3'-0"-4, 0'-1'-8]

LOADING (psf) TCCL 20.0 TCCL 15.0 BCCL 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 0.08 BC 0.11 WB 0.12 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.00 1-2 >999 240 Vert(TL) -0.01 1-2 >999 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 8 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 1'-0"-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10'-0"-0 oc bracing.
--	---

REACTIONS (lb/size) 1=86/Mechanical, 5=-260/0'-8"-0, 3=417/Mechanical
 Max Horz 5=78(load case 5)
 Max Uplift 1=-38(load case 5), 5=-260(load case 1), 3=-147(load case 5)
 Max Grav 1=86(load case 1), 5=77(load case 5), 3=417(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-29/30, 2-3=-28/16, 3-4=-40
 BOT CHORD 2-6=-8/79, 5-6=-8/79
 WEBS 3-6=-195/385

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 1, 260 lb uplift at joint 5 and 147 lb uplift at joint 3.
 4) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

Job L163476	Truss CJ1K	Truss Type JACK	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:09:50 2006 Page 1		

Scale = 1:11.5

Plate Offsets (X,Y): [2'-0"-0'-12, 0'-1'-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.16	in (loc) l/defl L/d	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.03	Vert(LL) 0.01 1-2 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.06	Vert(TL) -0.02 1-2 >999 180		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)	Horz(TL) -0.01 4 n/a n/a		
Weight: 10 lb					

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-6-6 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 1=103/Mechanical, 6=426/0-6-0, 4=-220/Mechanical
 Max Horz 6=95(load case 5)
 Max Uplift 1=-43(load case 5), 6=-156(load case 5), 4=-220(load case 1)
 Max Grav 1=103(load case 1), 6=426(load case 1), 4=62(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-37/34, 2-3=-76/94, 3-4=-125/51
 BOT CHORD 2-6=-8/104, 5-6=0/0
 WEBS 3-6=-396/213

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 43 lb uplift at joint 1, 156 lb uplift at joint 6 and 220 lb uplift at joint 4.

LOAD CASE(S) Standard

Job # L163476	Truss CJ2	Truss Type JACK	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mittek Industries, Inc. Tue May 16 13:09:51 2006 Page 1		

Scale = 1:12.4

Plate Offsets (X,Y): [2:0-3:8, Edge]									
LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0	TC 0.27	Vert(LL) 0.03	2	>999	240		MT20	244/190
TCCL 15.0	Lumber Increase 1.25	BC 0.05	Vert(TL) -0.06	2	>769	180			
BCCL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.04	3	n/a	n/a			
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
Weight: 12 lb									

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 2-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	
WEDGE	
Left: 2 X 4 SYP No.3	

REACTIONS (lb/size) 1=154/Mechanical, 3=156/Mechanical, 6=35/1-1-0
 Max Horz 6=105(load case 5)
 Max Uplift 1=-60(load case 5), 3=-90(load case 5), 6=-18(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-58/47, 2-3=-69/79, 3-4=-4/0
 BOT CHORD 2-6=-10/108, 5-6=0/0
 WEBS 3-6=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 60 lb uplift at joint 1, 90 lb uplift at joint 3 and 18 lb uplift at joint 6.
 4) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

Job # L163476	Truss CJ3	Truss Type JACK	Qty 10	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 Mittek Industries, Inc. Tue May 16 13:09:51 2006 Page 1		

Scale = 1:12.8

LOADING (psf)	SPACING	CSI	DEFL.	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.63	in (loc) l/defl L/d	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.61	Vert(LL) -0.02 5-6 >999 240		
BCLL 10.0	Rep Stress Incr NO	WB 0.02	Vert(TL) 0.02 5-6 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) -0.05 4 n/a n/a		
				Weight: 14 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 4=-28/Mechanical, 5=-108/Mechanical, 6=645/0-8-0
 Max Horz 6=153(load case 5)
 Max Uplift 4=-28(load case 1), 5=-108(load case 1), 6=-403(load case 5)
 Max Grav 4=30(load case 3), 5=71(load case 5), 6=645(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-29/91, 2-3=-82/33, 3-4=-89/14
 BOT CHORD 2-6=-0/171, 5-6=0/0
 WEBS 3-6=-109/54

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; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grp 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 4, 108 lb uplift at joint 5 and 403 lb uplift at joint 6.
 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 70 lb down and 69 lb up at -2-0-14 on top chord. The design/selection of such connection device(s) is the responsibility of others.
 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: 1-4=-70, 2-5=-30
 Concentrated Loads (lb)
 Vert: 1=-70(F)

Job # L163476	Truss CJ3A	Truss Type JACK	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:09:52 2006 Page 1		

Scale = 1:14.7

Plate Offsets (X,Y): [2:0-3:8, 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 0.48	Vert(LL)	0.15	2	>388	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.09	Vert(TL)	-0.18	2	>333	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.08	4	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
Weight: 14 lb										

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEDGE
 Left: 2 X 4 SYP No.3

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) 1=214/Mechanical, 3=192/Mechanical, 4=44/Mechanical
 Max Horz 1=131(load case 5)
 Max Uplift 1=60(load case 5), 3=139(load case 5), 4=35(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-93/14, 2-3=-110/95
 BOT CHORD 2-4=0/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 60 lb uplift at joint 1, 139 lb uplift at joint 3 and 35 lb uplift at joint 4.

LOAD CASE(S) Standard

Job * L163476 Truss Type JACK Qty 1 Ply 1 COMPASS BLDRS. ROSE CREEK LT 10

Builders FirstSource, Lake City, FL 32055 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:09:54 2006 Page 1

Scale = 1:13.5

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

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.31	Vert(TL) -0.01	5-6	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.42	Vert(TL) -0.01	5-6	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.04	Horz(TL) -0.05	4	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						

Weight: 16 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
WEDGE
Left: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=-14/Mechanical, 5=-80/Mechanical, 6=556/0-6-0
Max Horz 6=162(load case 5)
Max Uplift4=-23(load case 6), 5=-80(load case 1), 6=-352(load case 5)
Max Grav 4=24(load case 3), 5=56(load case 5), 6=556(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/63, 2-3=-86/35, 3-4=-79/11
BOT CHORD 2-6=-0/181, 5-6=0/0
WEBS 3-6=-210/142

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; cantilever left exposed; 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 23 lb uplift at joint 4, 80 lb uplift at joint 5 and 352 lb uplift at joint 6.

LOAD CASE(S) Standard

Job #	Truss	Truss Type	Qty	Ply	COMPASS BLDRS. ROSE CREEK LT 10
L163476	CJ5	JACK	5	1	
Builder: FirstSource, Lake City, FL 32055					Job Reference (optional)

6.200 s Jul 13 2005 Miltek Industries, Inc. Tue May 16 13:09:55 2006 Page 1



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

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.46	Vert(LL) 0.07 2-4 >747 240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.25	Vert(TL) 0.06 2-4 >872 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			
				Weight: 29 lb	

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.

(lb/size) 3=28/Mechanical, 2=699/0-8-0, 4=69/Mechanical

Max Horiz 2=210(load case 5)
Max Uplift3=-38(load case 5), 2=-411(load case 5), 4=-54(load case 3)
Max Grav 3=61(load case 3), 2=699(load case 1), 4=69(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-66/137, 2-3=-161/31
BOT CHORD 2-4=0/0

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); w=20ft; TCDF=4.2psf; BCDF=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; 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 38 lb uplift at joint 3, 411 lb uplift at joint 2 and 54 lb uplift at joint 4.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 165 lb down and 163 lb up at -2.1-6 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 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: 1-3=-70, 2-4=-30
Concentrated Loads (lb)
Vert: 1=-165(F)

**MAY 19, 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	COMPASS BLDRS. ROSE CREEK LT 10
L163476	CJ5A	JACK	1	1	
Builder First Name, Last City, FL 32055					Job Reference (optional)

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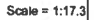


Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl l/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.43	Vert(LL) 0.07 2 >911 240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.24	Vert(TL) -0.13 2 >500 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.08	Horz(TL) -0.08 4 n/a n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)			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
WEDGE
Left: 2 X 4 SYP No.3

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) 1=177/Mechanical, 4=105/Mechanical, 5=67/Mechanical, 6=645/0-8-0
Max Horiz 6=185(load case 5)
Max Uplift1=52(load case 5), 4=105(load case 1), 5=67(load case 1), 6=317(load case 5)
Max Grav 1=177(load case 1), 4=28(load case 5), 5=37(load case 5), 6=645(load case 1)

FORCES

- Maximum Compression/Maximum Tension
1-2=-68/47, 2-3=-160/132, 3-4=-104/26
2-6=-16/204, 5-6=0/0
3-6=-447/316

NOTES

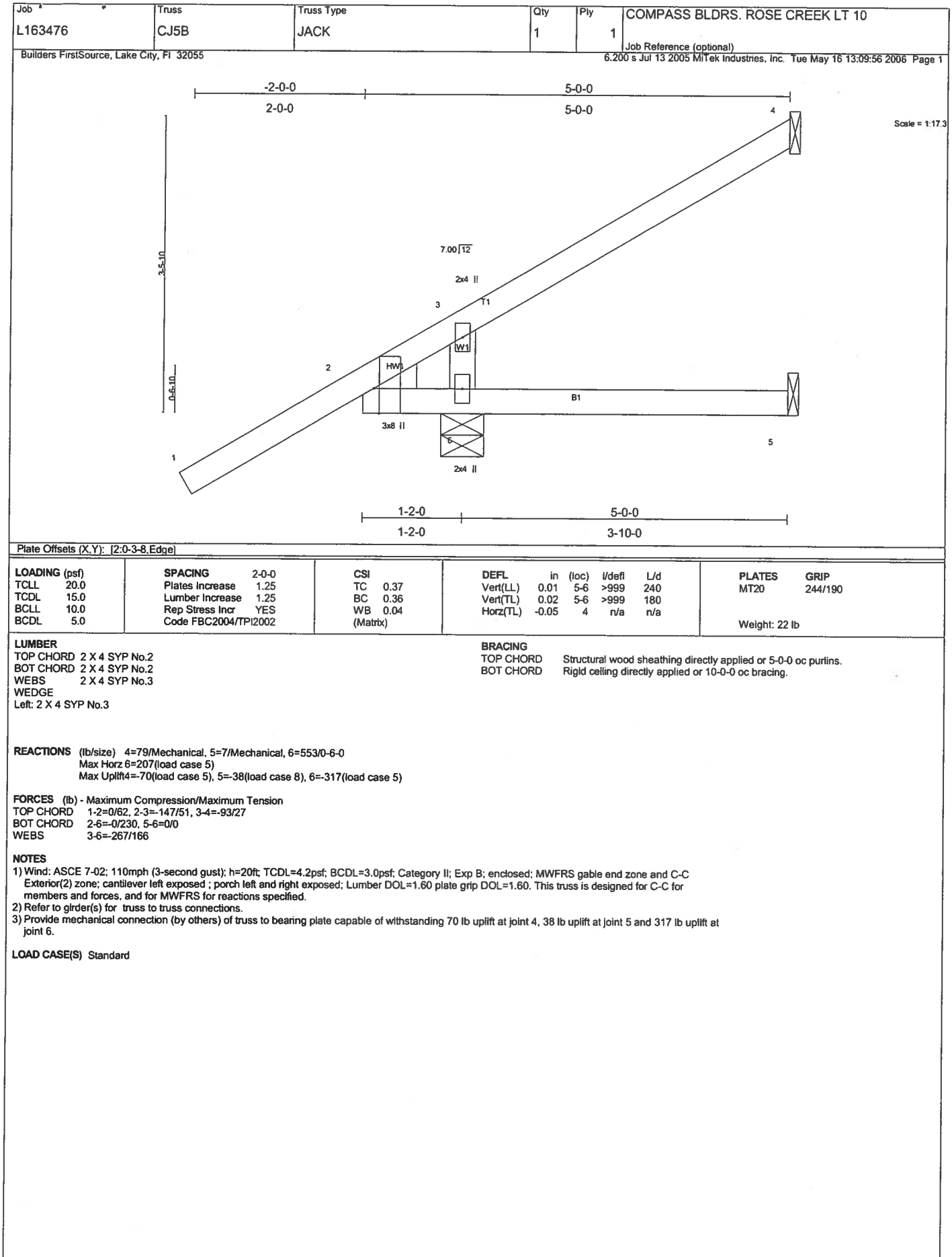
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDD=4.2psf; BCDD=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate gird DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

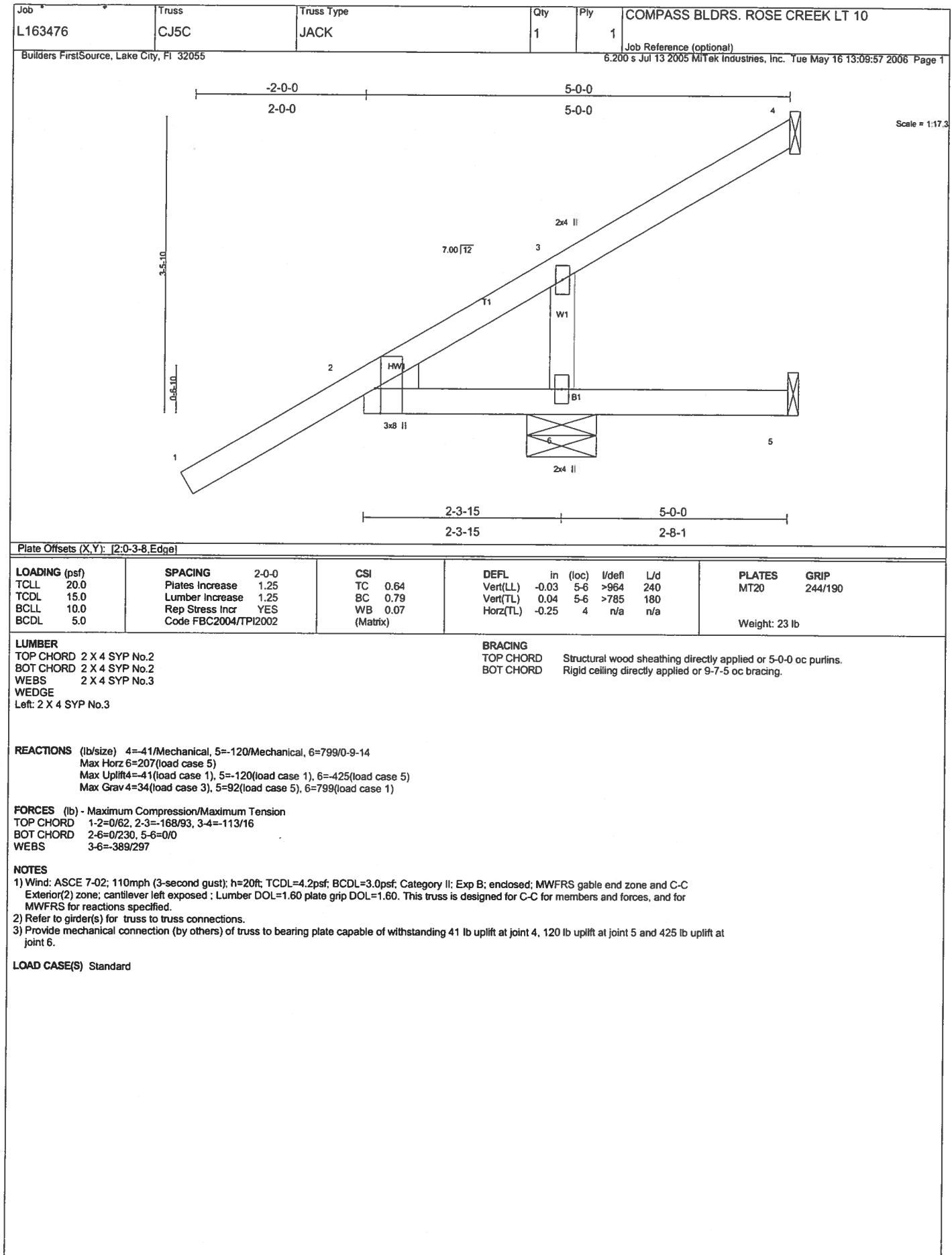
2) Refer to girder(s) for truss to truss connections.

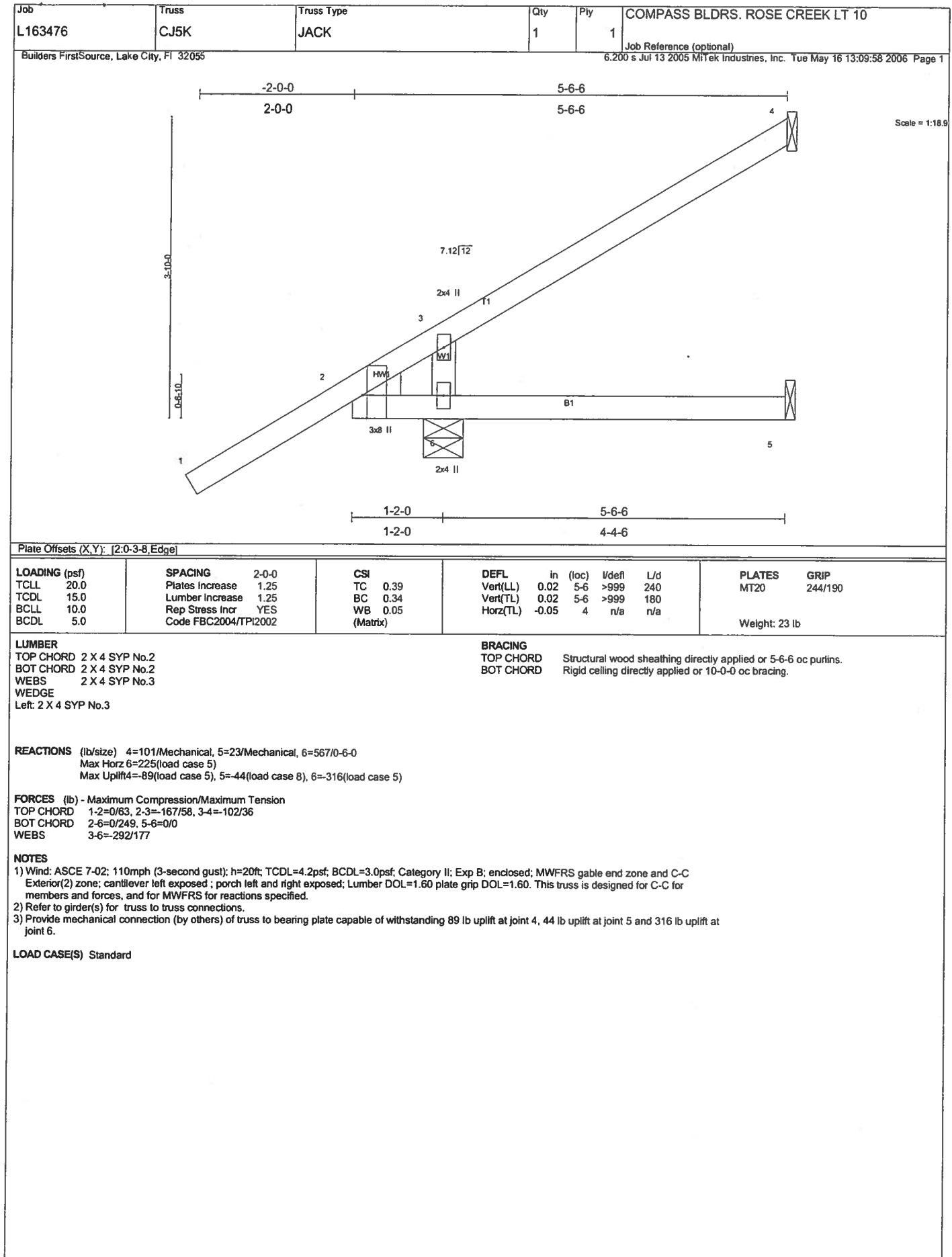
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 52 lb uplift at joint 1, 105 lb uplift at joint 4, 67 lb uplift at joint 5 and 317 lb uplift at joint 6.

LOAD CASE(S) Standard

MAY 19, 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 L163476	Truss CJ7K	Truss Type JACK	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:09:59 2006 Page 1		

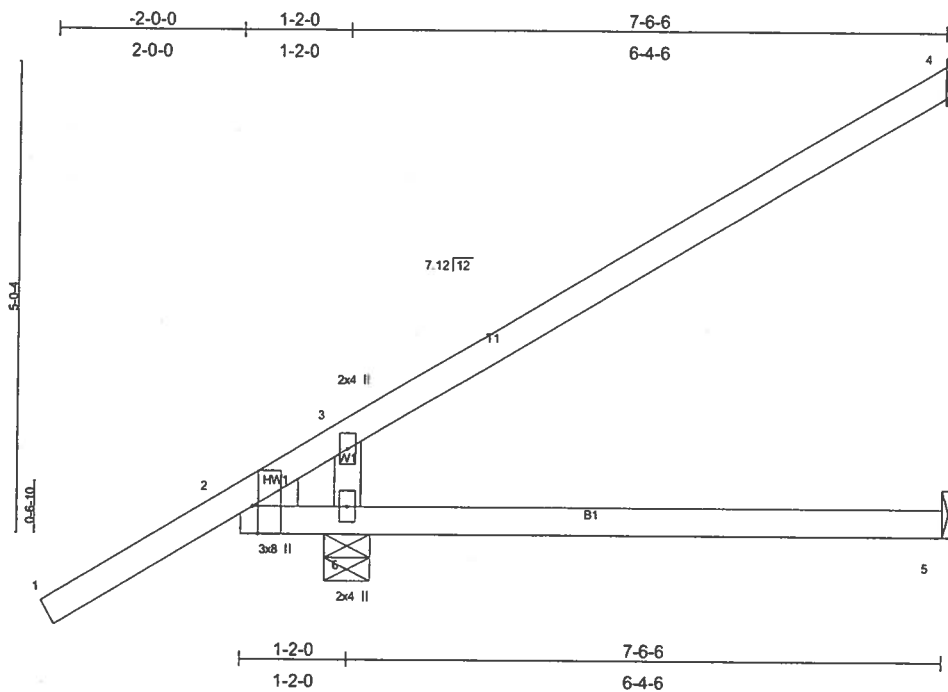


Plate Offsets (X,Y): [2:0-3-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.54	Vert(LL) 0.20	5-6	>372	240		MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.35	Vert(TL) 0.18	5-6	>420	180			
BCLL 10.0	Lumber Increase 1.25	WB 0.09	Horz(TL) -0.07	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
 WEDGE
 Left: 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=176/Mechanical, 5=77/Mechanical, 6=639/0-6-0

Max Horz 6=280(load case 5)

Max Uplift 4=-146(load case 5), 5=-69(load case 6), 6=-334(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/63, 2-3=-316/164, 3-4=-135/67

BOT CHORD 2-6=-1/300, 5-6=0/0

WEBS 3-6=-529/373

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; cantilever left exposed; 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 146 lb uplift at joint 4, 69 lb uplift at joint 5 and 334 lb uplift at joint 6.

LOAD CASE(S) Standard

Job # L163476	Truss CJ8K	Truss Type JACK	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:09:59 2006 Page 1		

Scale: 1/2"=1'

Plate Offsets (X,Y): [2-0-3-8, Edge]									
LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.55	Vert(LL) 0.23	5-6	>335	240		MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.37	Vert(TL) 0.20	5-6	>380	180			
BCLL 10.0	Rep Stress Incr YES	WB 0.10	Horz(TL) -0.08	4	n/a	n/a			
BCDL 5.0	Code FBC2004/TP12002	(Matrix)							
Weight: 30 lb									

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	
WEDGE	
Left: 2 X 4 SYP No.3	

REACTIONS (lb/size) 4=182/Mechanical, 5=81/Mechanical, 6=646/0-6-0
 Max Horz 6=284(load case 5)
 Max Uplift 4=150(load case 5), 5=71(load case 6), 6=336(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/63, 2-3=325/169, 3-4=138/70
 BOT CHORD 2-6=-1/304, 5-6=0/0
 WEBS 3-6=-542/384

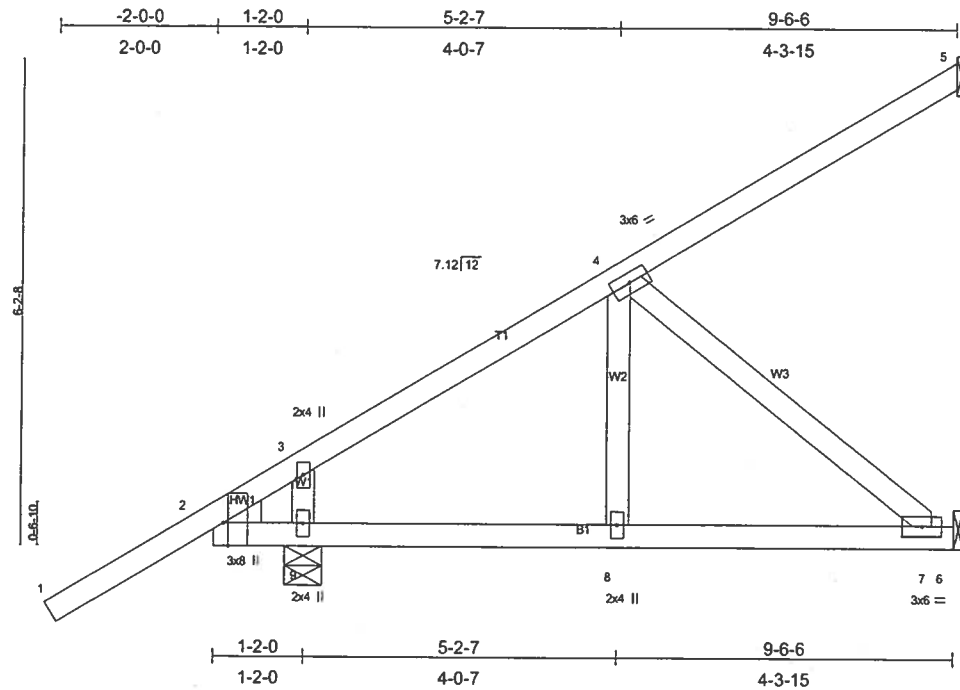
NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and 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 150 lb uplift at joint 4, 71 lb uplift at joint 5 and 336 lb uplift at joint 6.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	COMPASS BLDRS. ROSE CREEK LT 10
L163476	CJ9K	JACK	1	1	
Buildings FirstSource Lake City, FL 32055					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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Scale = 1:28.2

Plate Offsets (X,Y): [2:0-3-8,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 0.52	Vert(LL) 0.08	7-8	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.58	Vert(TL) -0.09	7-8	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.13	Horz(TL) -0.08	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)					Weight: 48 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
WEDGE
Left: 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) 5=140/Mechanical, 6=229/Mechanical, 9=724/0-6-0

Max Horiz 9=334(load case 5)
Max Uplift5=-101(load case 5), 6=-191(load case 5), 9=-363(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/63, 2-3=-152/37, 3-4=-333/159, 4-5=-81/56
BOT CHORD 2-9=-14/198, 8-9=-289/198, 7-8=-289/198, 6-7=0/0
WEBS 3-9=-396/284, 4-8=-207/40, 4-7=-256/375

NOTES

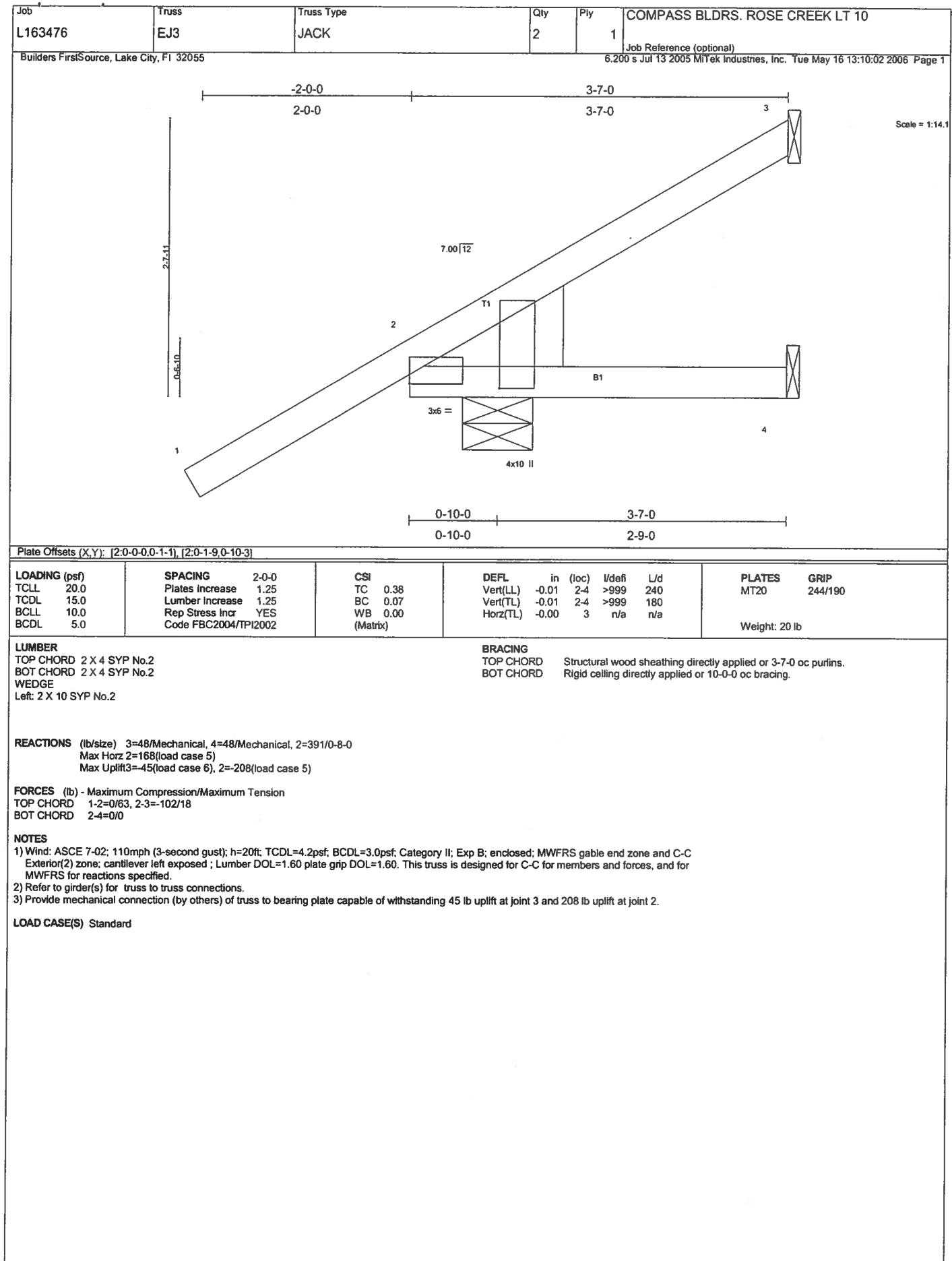
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B: enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

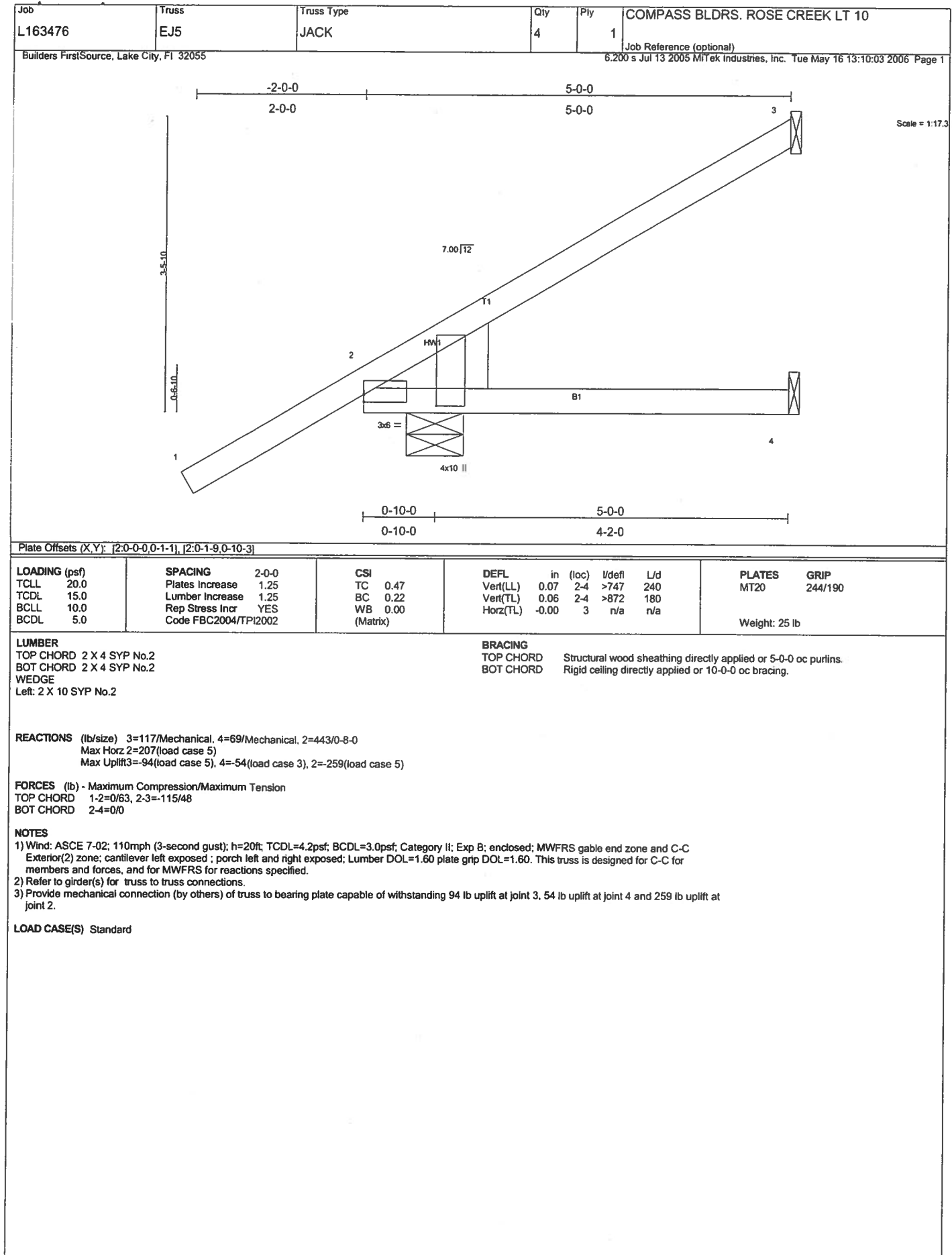
2) Refer to girder(s) for truss to truss connections.

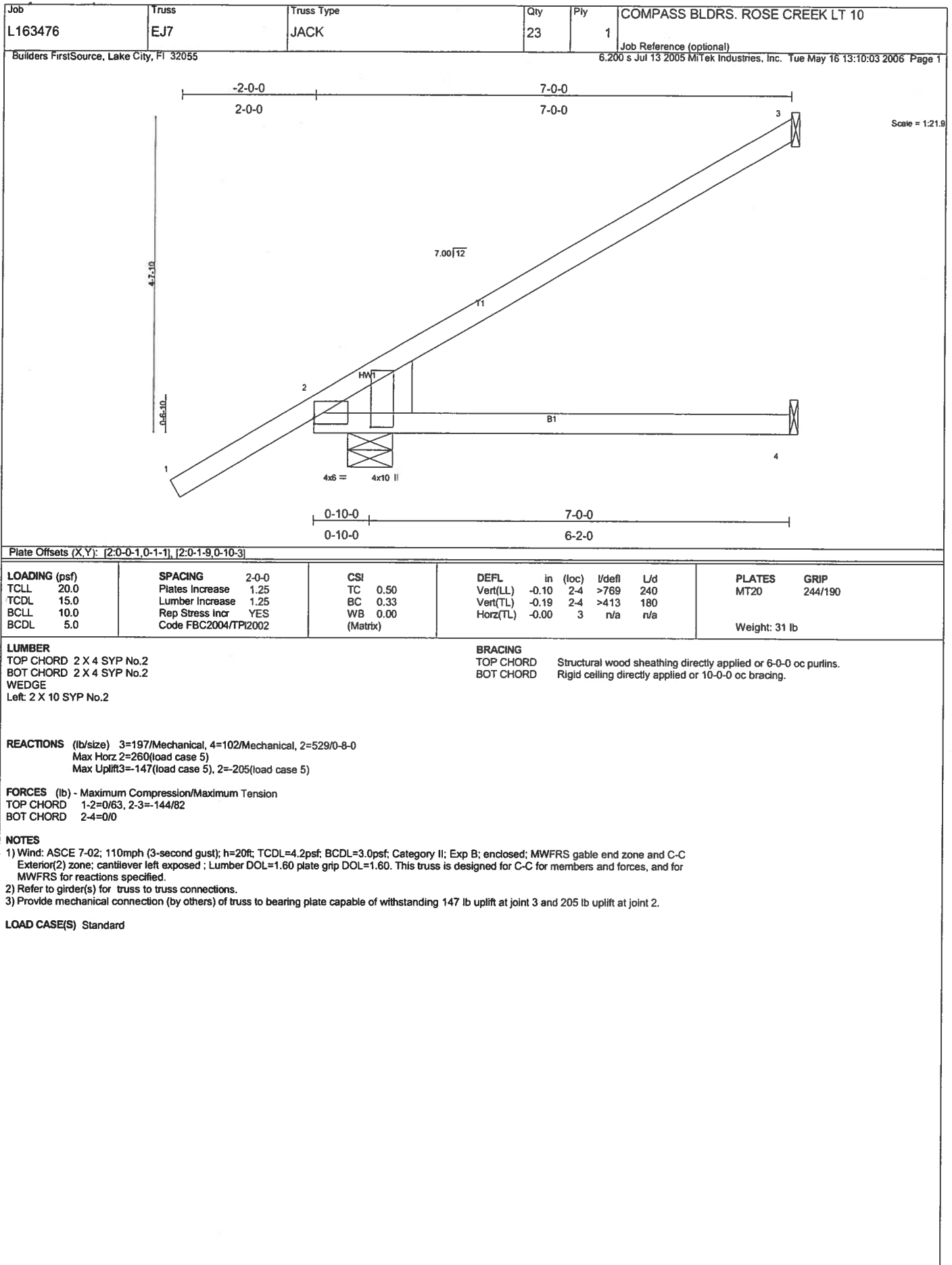
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 5, 191 lb uplift at joint 6 and 363 lb uplift at joint 9.

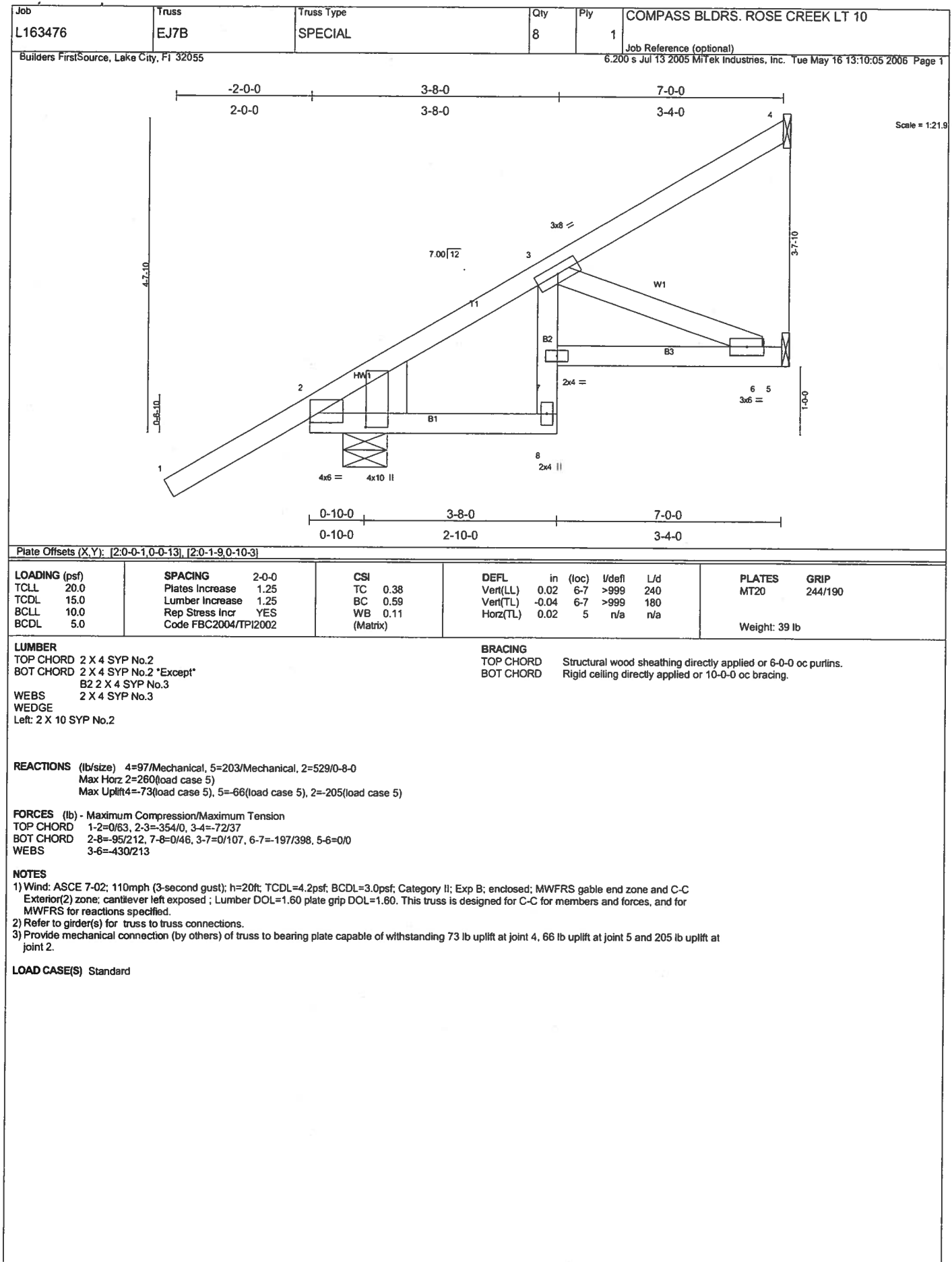
LOAD CASE(S) Standard

MAY 19, 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 L163476	Truss EJ7C	Truss Type JACK	Qty 7	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mittek Industries, Inc. Tue May 16 13:10:05 2006 Page 1		

Scale = 1:21.2

Plate Offsets (X,Y): [5:0-2-11,0-0-14]										
LOADING (psf)		SPACING 2-0-0		CSI		DEFL		PLATES		GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.56	in (loc)	l/def	L/d	MT20	244/190
TCOL	15.0	Lumber Increase	1.25	BC	0.25	Vert(LL)	-0.07	5-6 >999	240	
BCLL	10.0	Rep Stress Incr	YES	WB	0.06	Vert(TL)	-0.12	5-6 >618	180	
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Horz(TL)	-0.45	3 n/a	n/a	
Weight: 26 lb										

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 6=298/0-4-0, 3=209/Mechanical, 4=89/Mechanical
 Max Horz 6=160(load case 5)
 Max Uplift 6=-26(load case 5), 3=-51(load case 5), 4=-112(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-6=-209/44, 1-2=-95/34, 2-3=-43/94
 BOT CHORD 5-6=-174/14, 4-5=0/0
 WEBS 2-5=-18/228

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; 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 26 lb uplift at joint 6, 51 lb uplift at joint 3 and 112 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L163476	Truss EJ7D	Truss Type JACK	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:10:06 2006 Page 1		

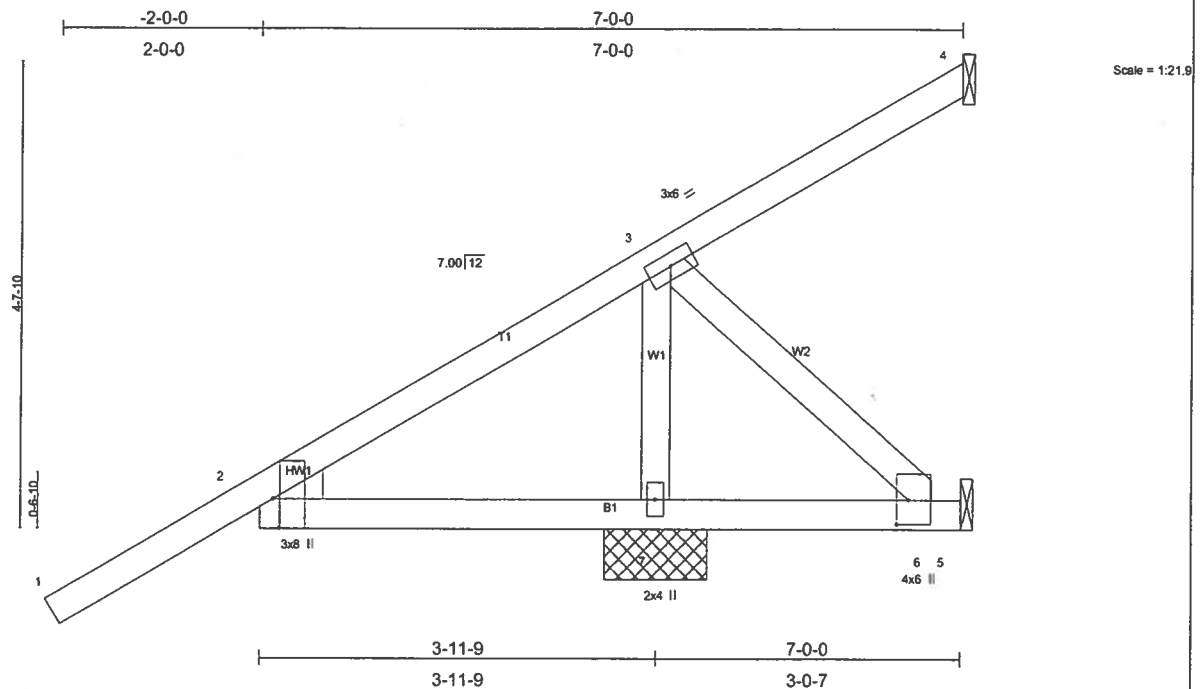


Plate Offsets (X,Y): [2:0-3-8,Edge], [6:0-2-14,0-1-6]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.21	Vert(LL)	-0.02	6-7	>999	240	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.19	Vert(TL)	-0.01	6-7	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.24	Horz(TL)	-0.02	4	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002								
								Weight: 36 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.1D
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 WEDGE
 Left: 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 6-0-0 oc bracing.

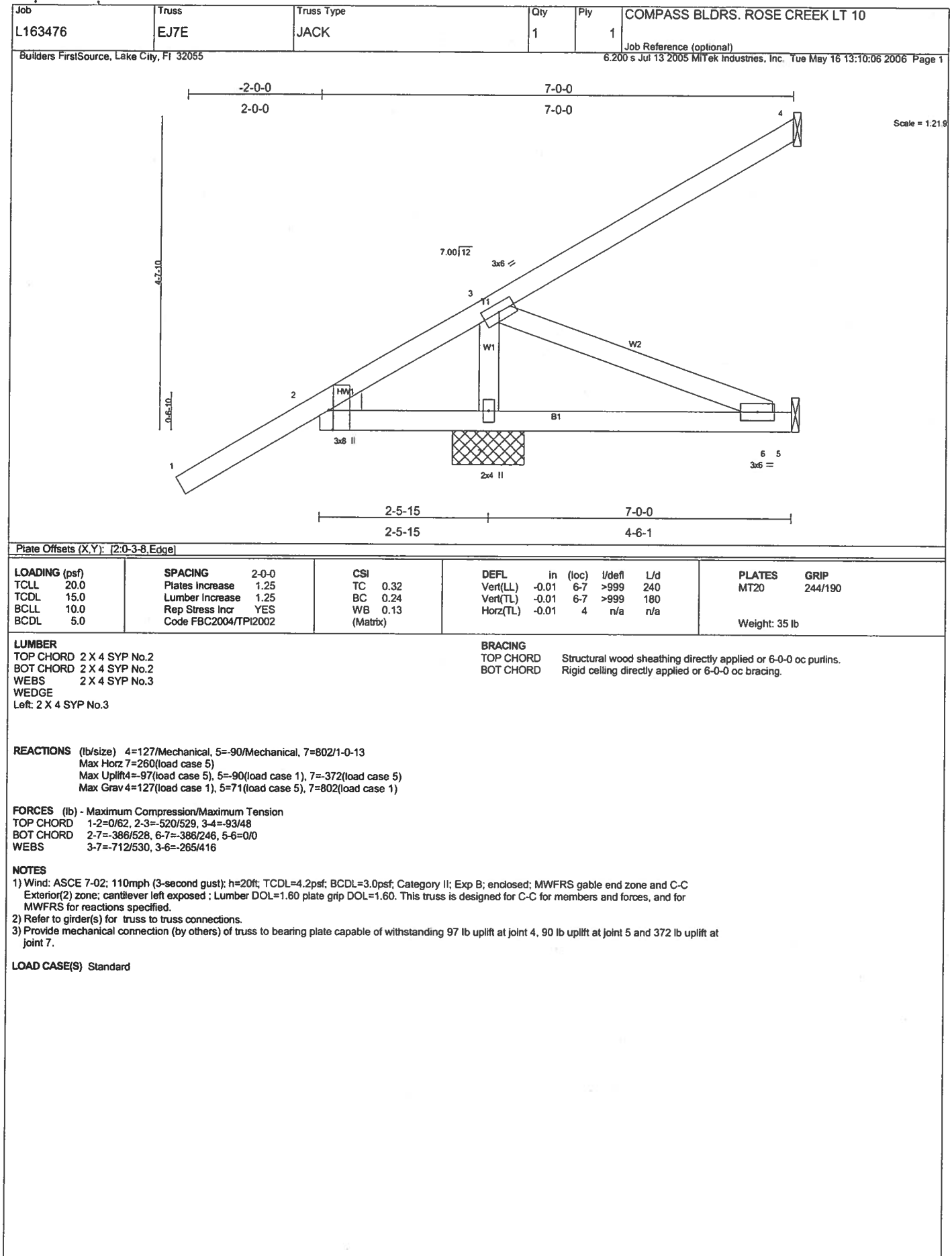
REACTIONS (lb/size) 4=71/Mechanical, 5=430/Mechanical, 7=1198/1-0-10
 Max Horz 7=260(load case 5)
 Max Uplift 4=-56(load case 5), 5=-430(load case 1), 7=-602(load case 5)
 Max Grav 4=71(load case 1), 5=222(load case 5), 7=1198(load case 1)

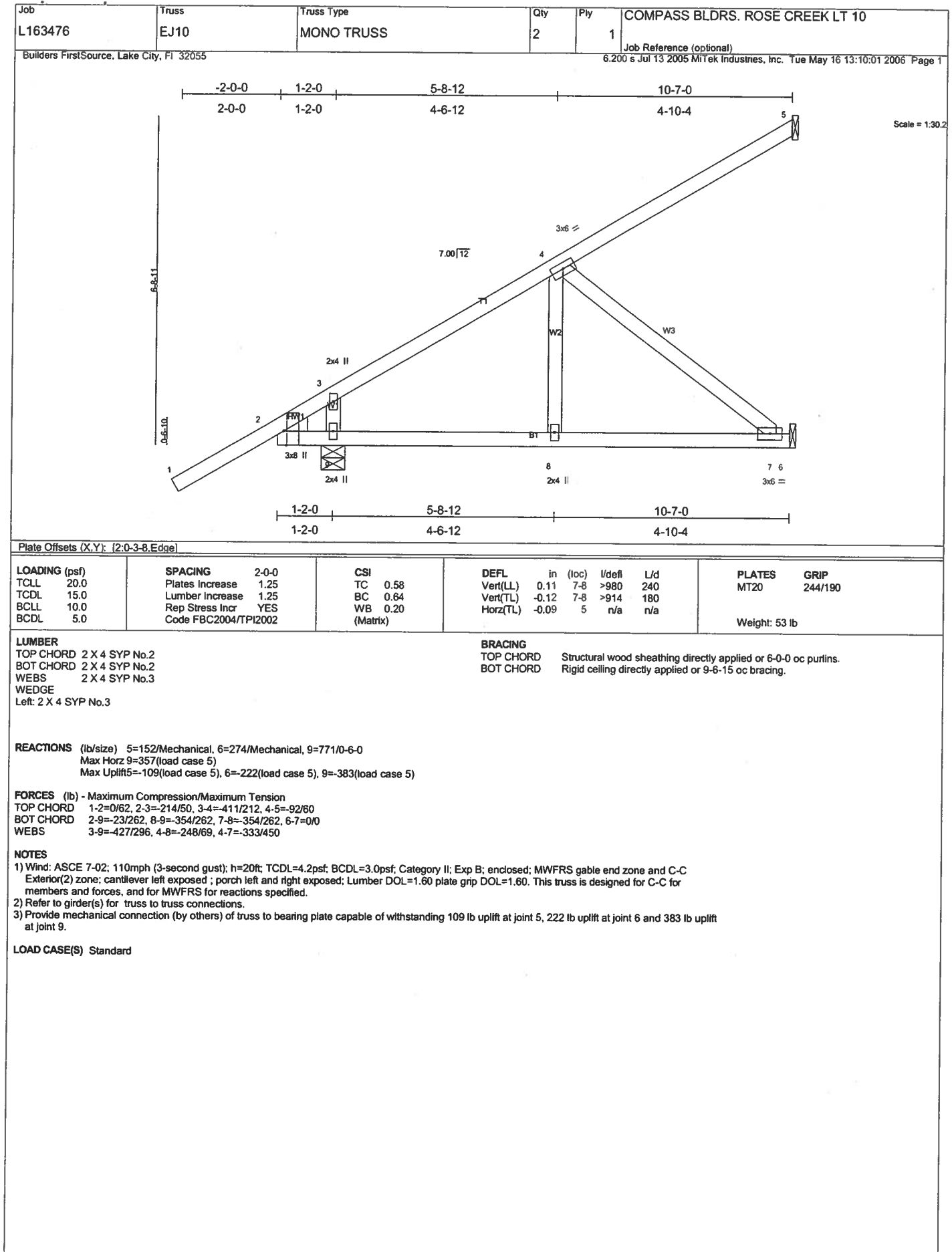
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-632/719, 3-4=-69/25
 BOT CHORD 2-7=-542/656, 6-7=-542/374, 5-6=0/0
 WEBS 3-7=-1127/832, 3-6=-511/739

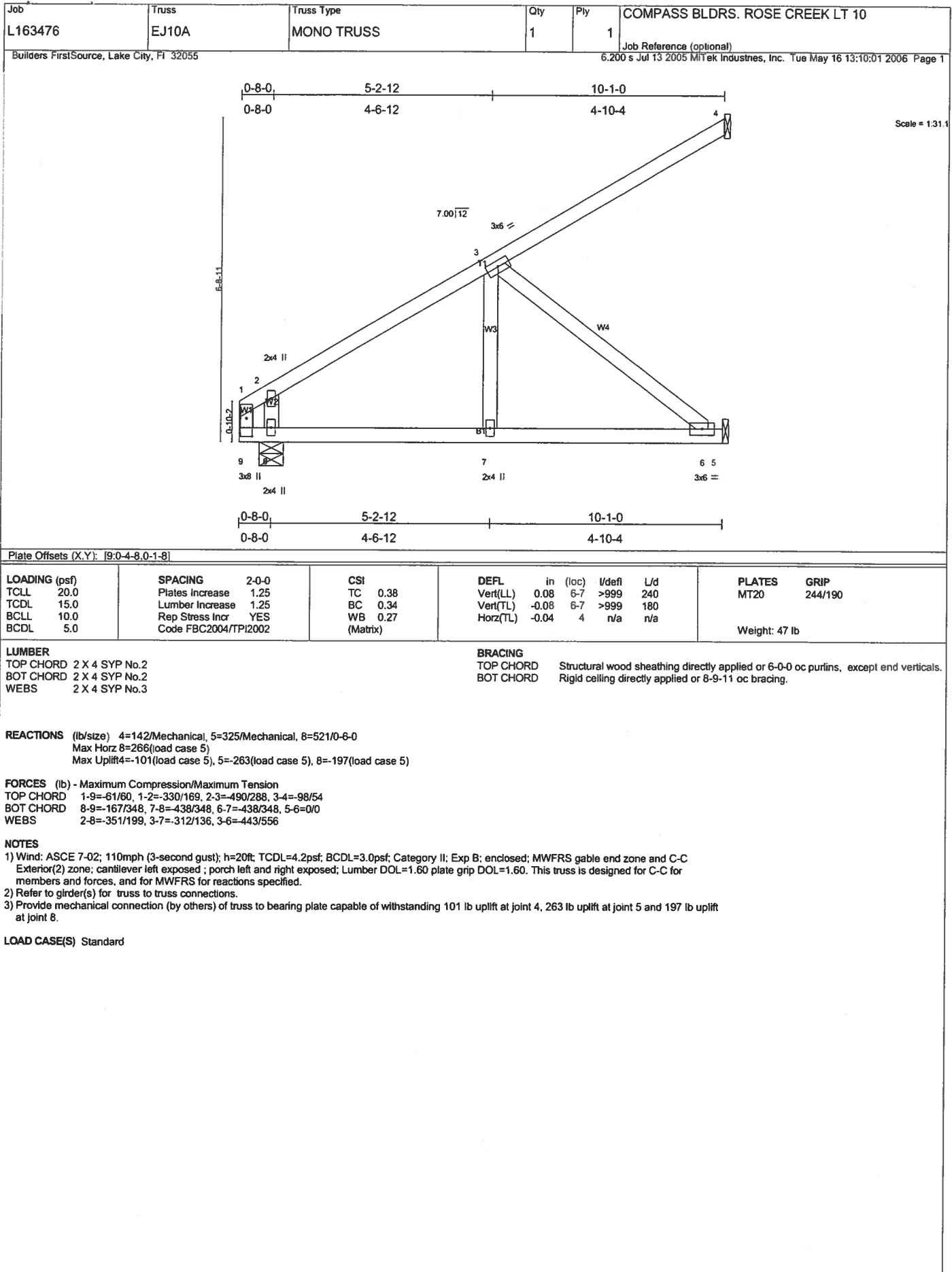
NOTES

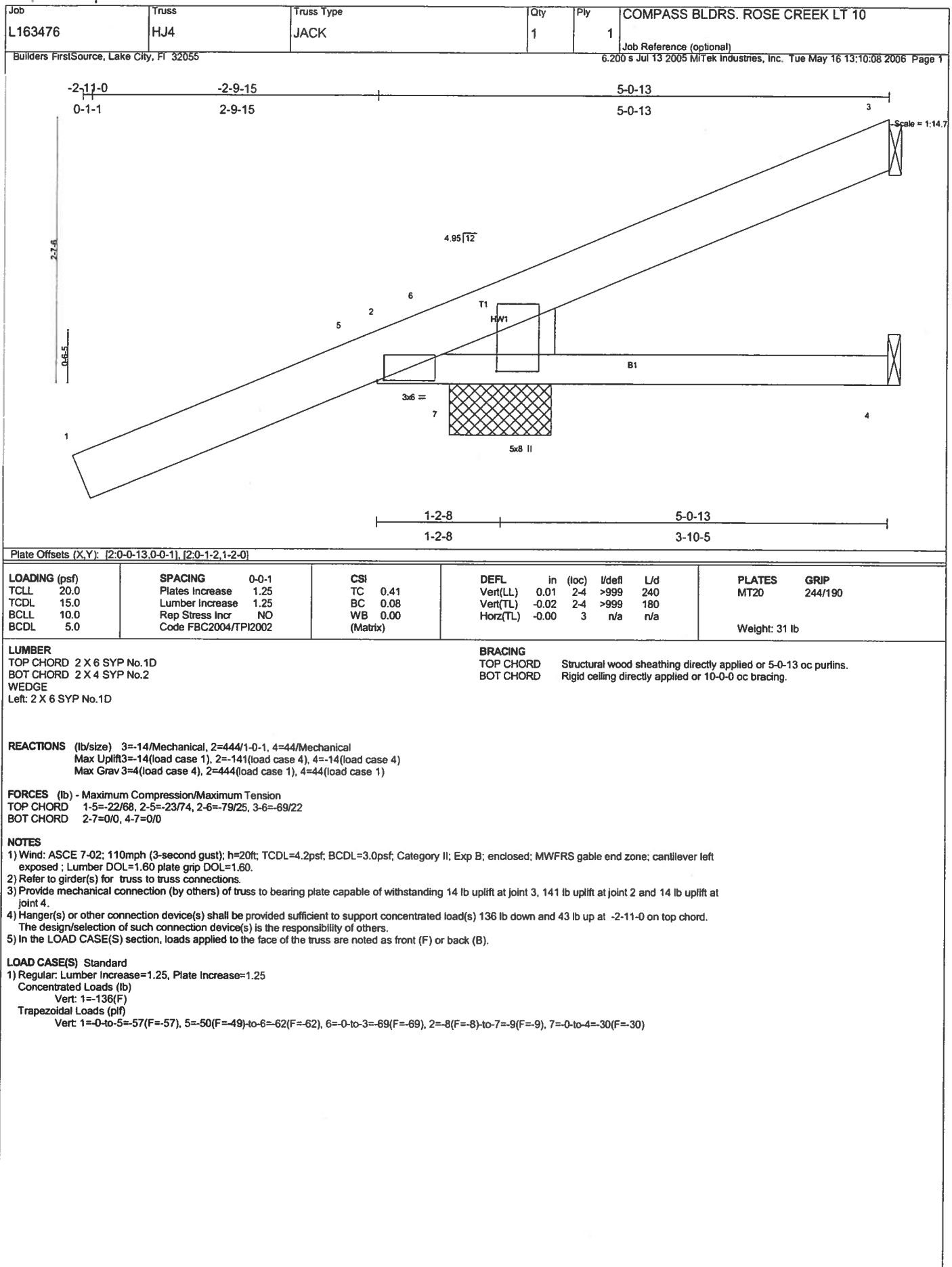
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 4, 430 lb uplift at joint 5 and 602 lb uplift at joint 7.

LOAD CASE(S) Standard









Job	Truss	Truss Type	Qty	Ply	COMPASS BLDGS. ROSE CREEK LT 10
L163476	HJ5	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055

6.200 s Jul 13 2005 MITek Industries, Inc. Tue May 16 13:10:08 2006 Page 1

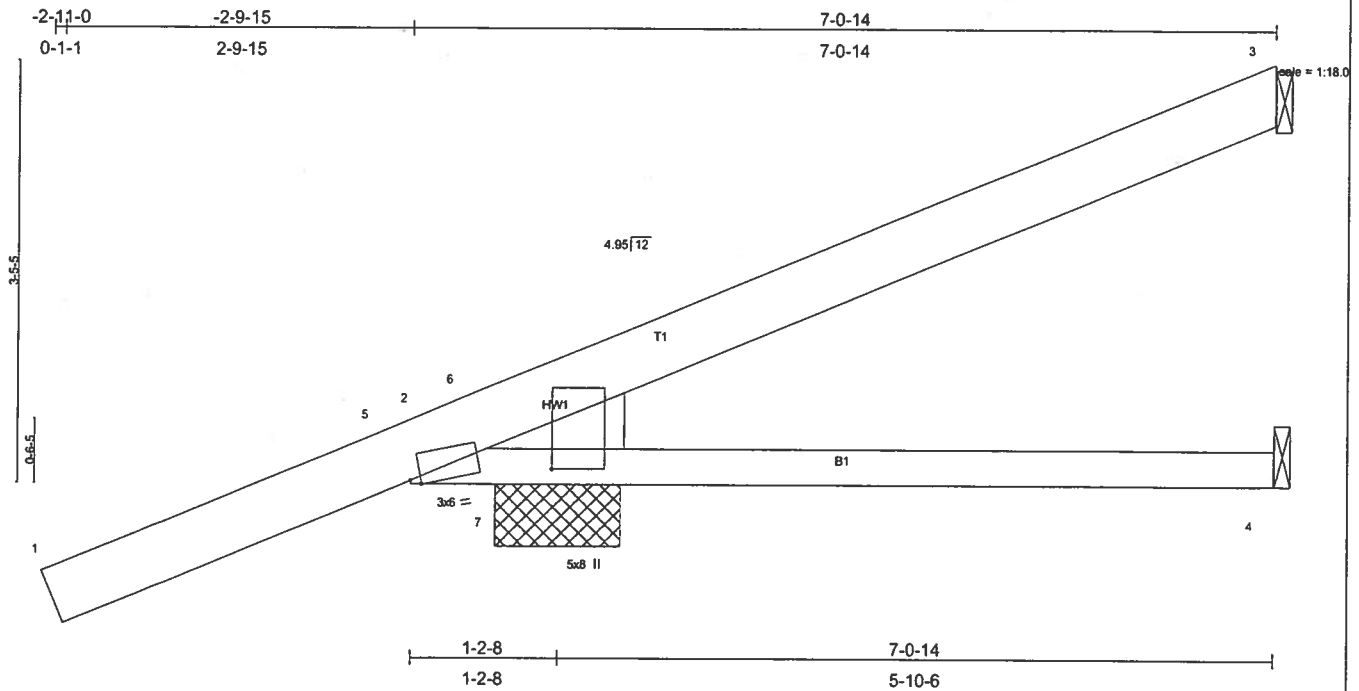


Plate Offsets (X,Y): [2:0-1-1,Edge], [2:0-1-2,1-2-0]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	0-0-1	TC 0.41	Vert(LL)	-0.02	2-4	>999	240	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.31	Vert(TL)	-0.04	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 NO	(Matrix)							
	Code FBC2004/TPI2002								
								Weight: 39 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.1D

BOT CHORD 2 X 4 SYP No.2

WEDGE

Left: 2 X 6 SYP No.1D

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) 3=165/Mechanical, 2=492/1-0-1, 4=75/Mechanical

Max Horz 2=1(load case 4)

Max Uplift 3=39(load case 4), 2=-207(load case 4), 4=-20(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-5=-32/68, 2-5=-34/74, 2-6=-77/30, 3-6=-68/41

BOT CHORD 2-7=-0/0, 4-7=-0/0

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; cantilever left exposed; porch left and right exposed; 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 39 lb uplift at joint 3, 207 lb uplift at joint 2 and 20 lb uplift at joint 4.

4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 136 lb down and 77 lb up at -2-11-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.

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

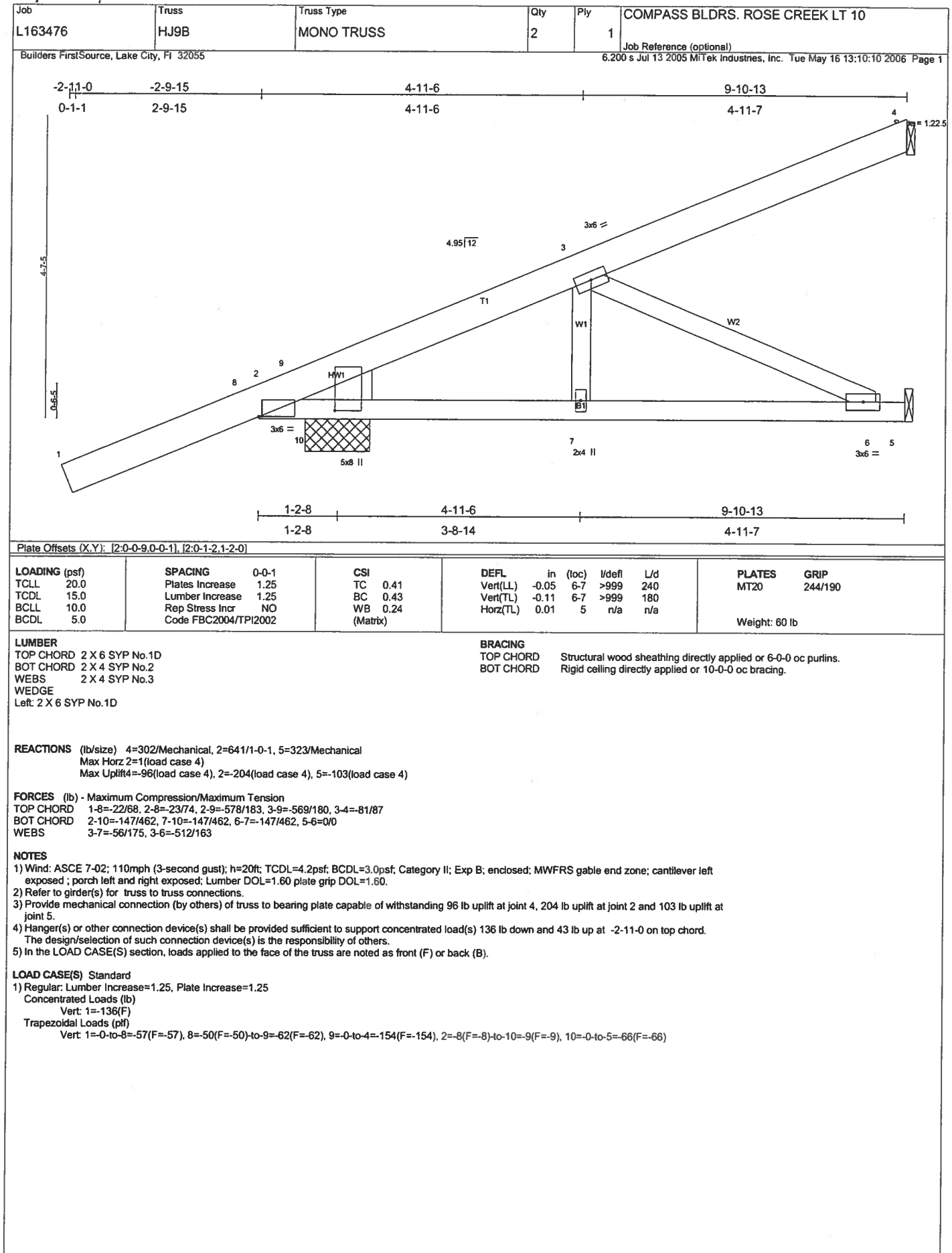
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

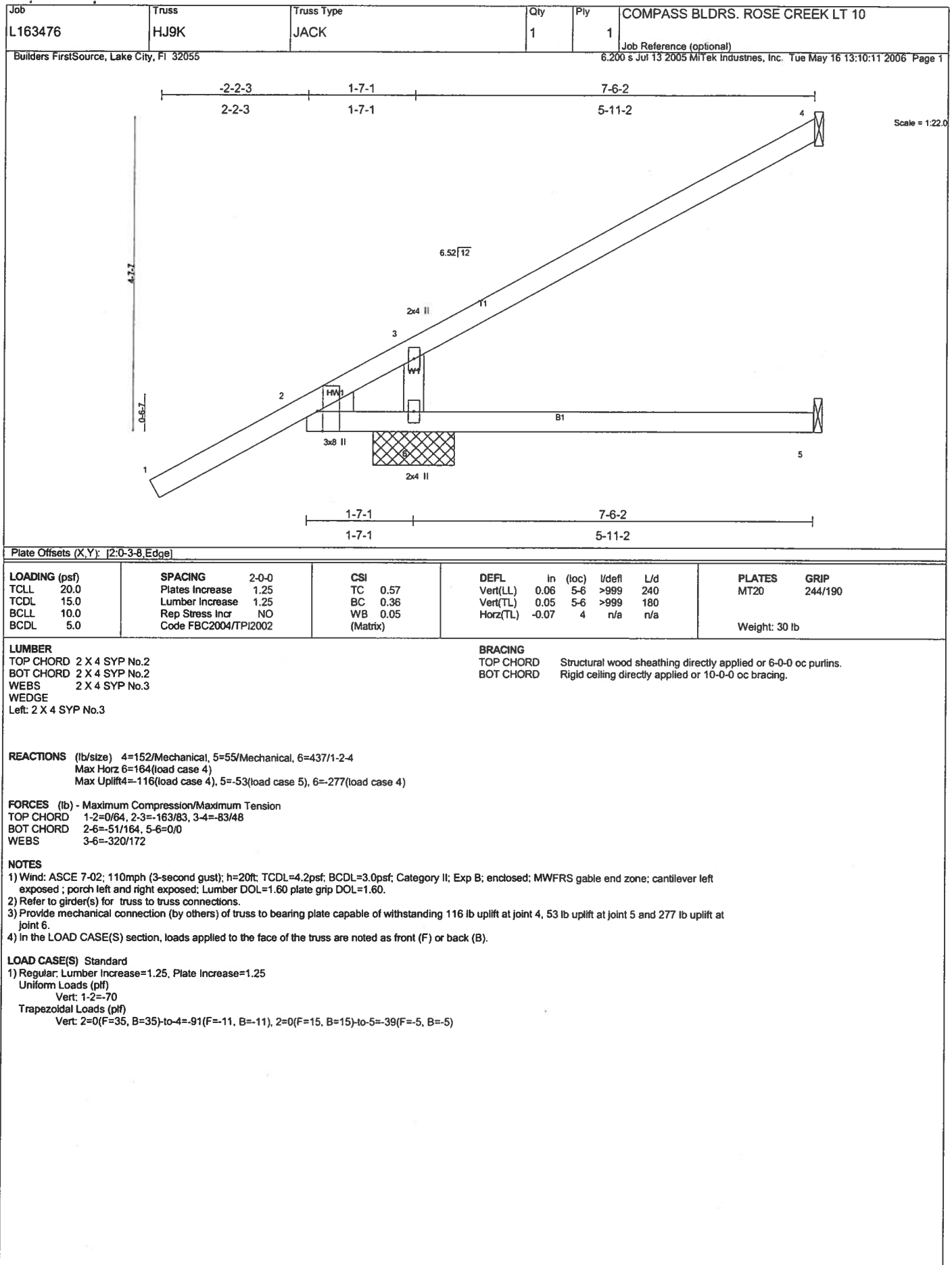
Concentrated Loads (lb)

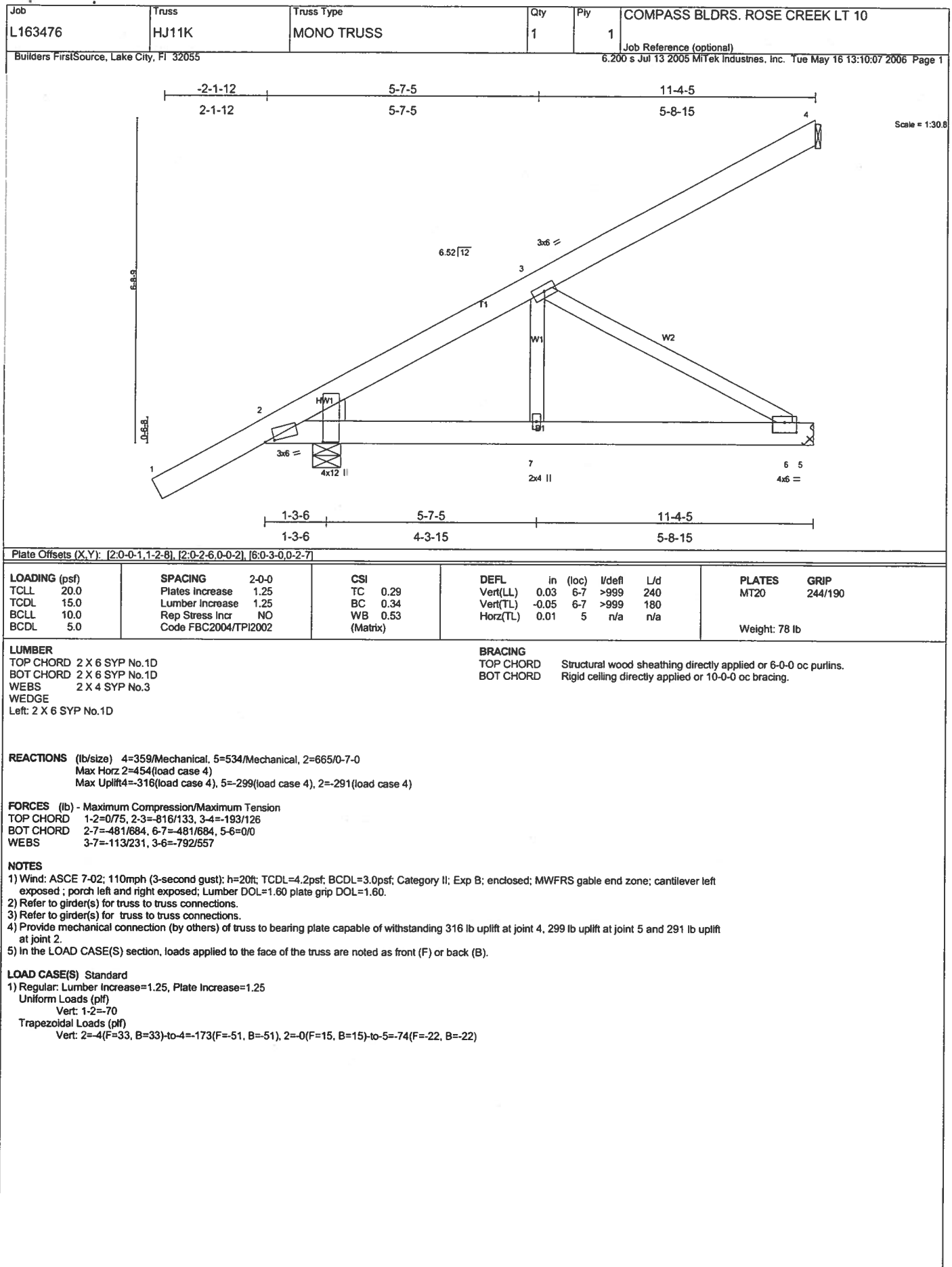
Vert: 1=-136(F)

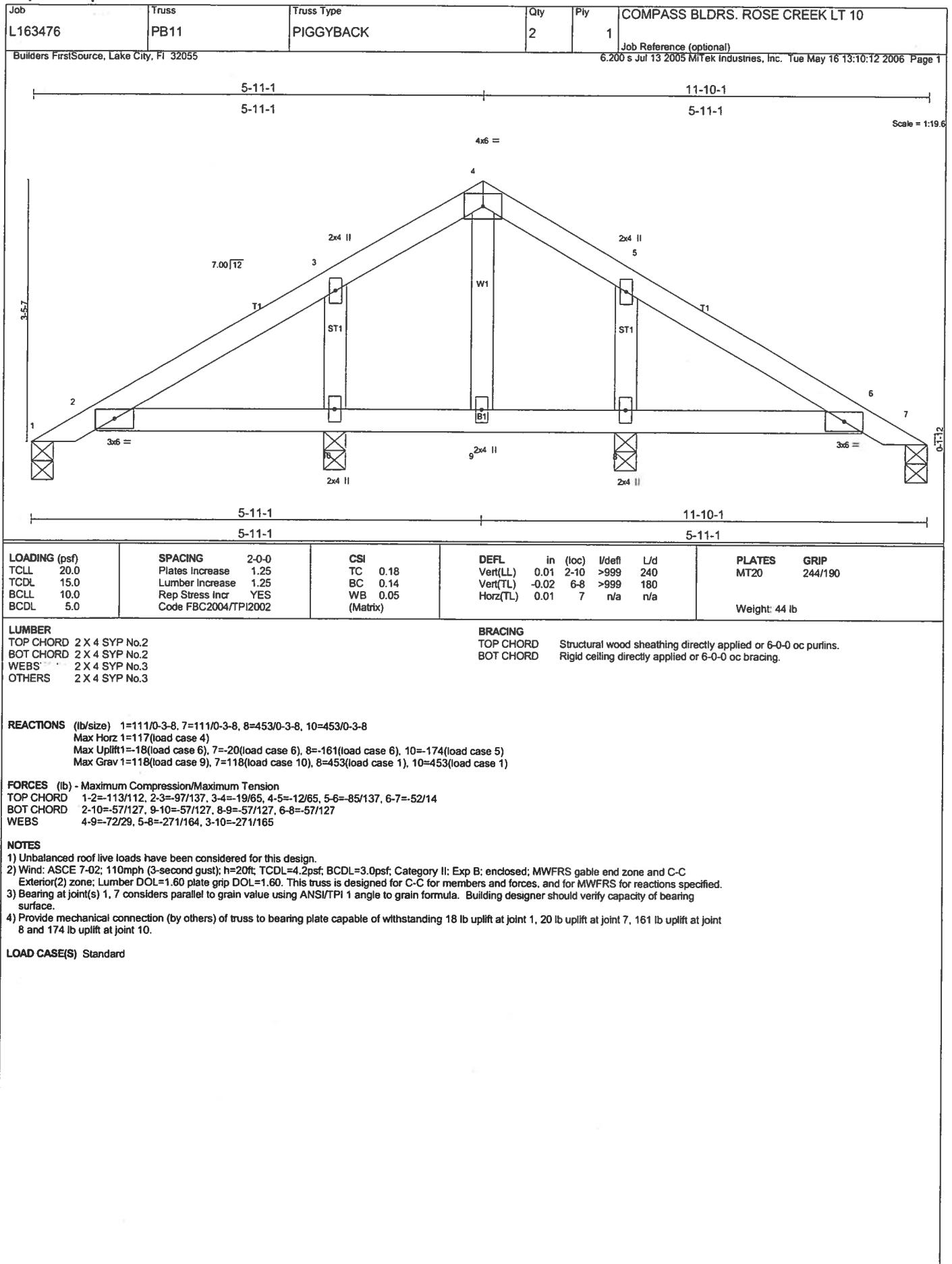
Trapezoidal Loads (plf)

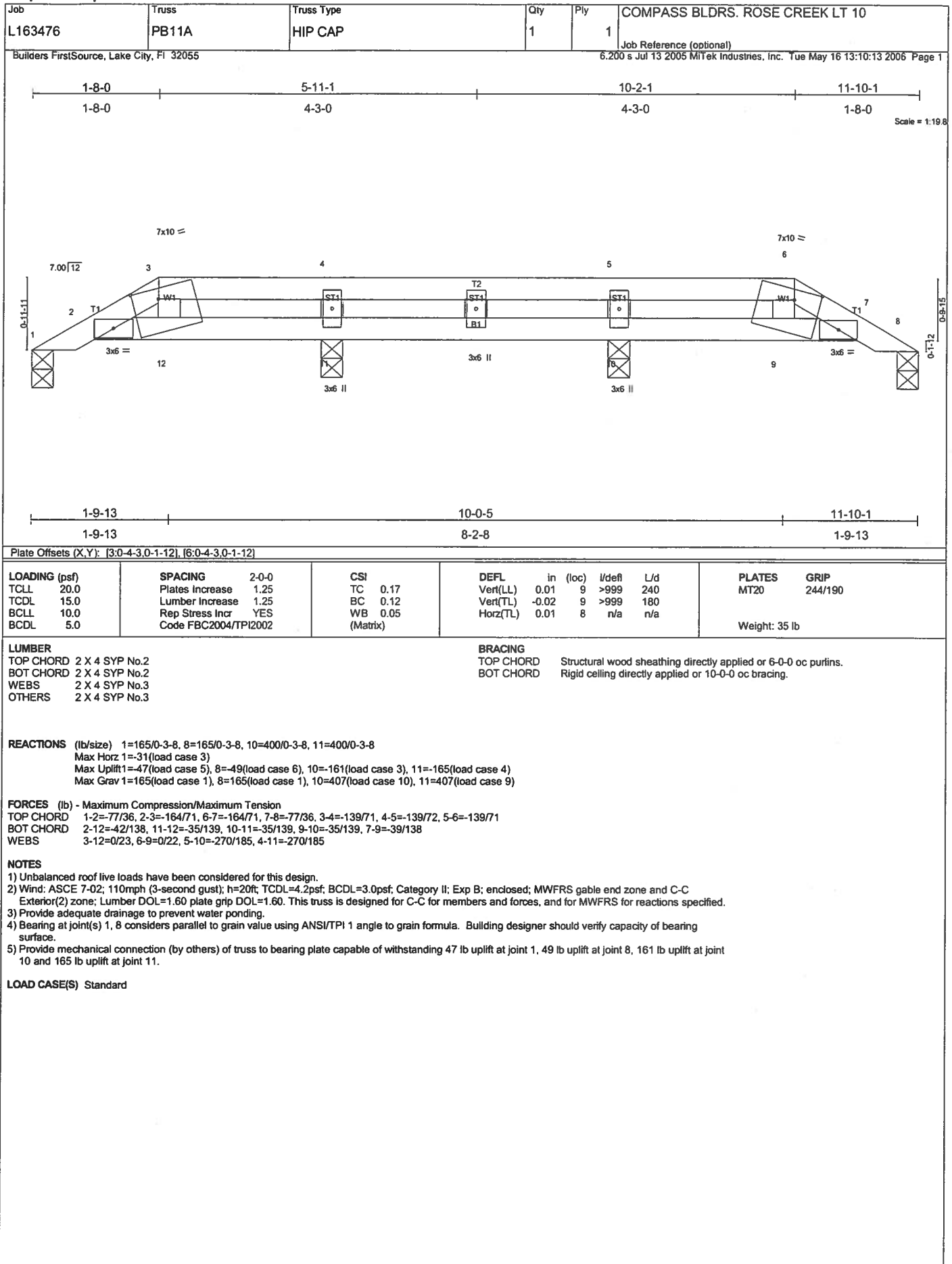
Vert: 1=0-to-5=-57(F=-57), 5=-50(F=-49)-to-6=-62(F=-62), 6=0-to-3=-104(F=-104), 2=-8(F=-8)-to-7=-9(F=-9), 7=0-to-4=-45(F=-45)

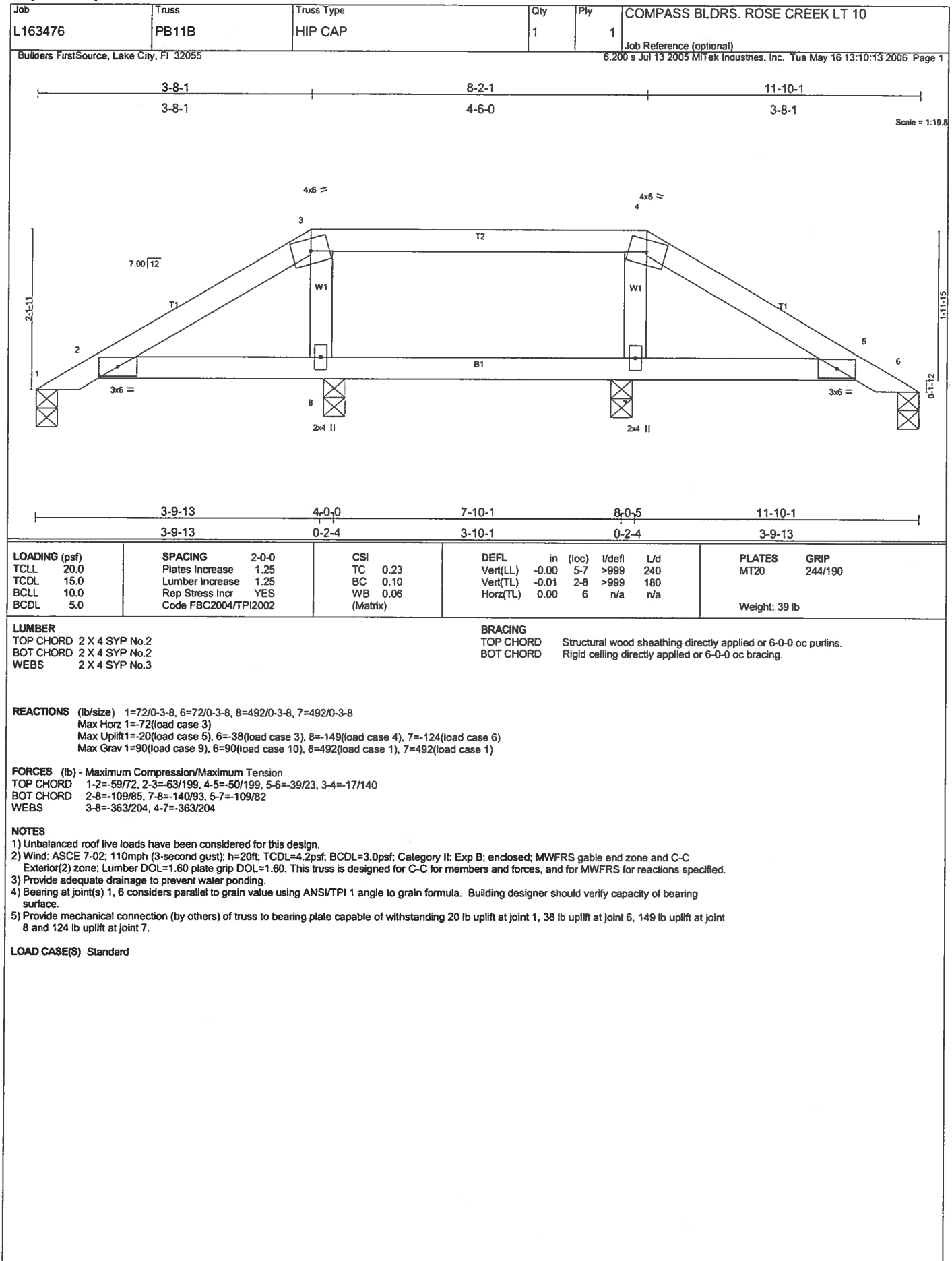


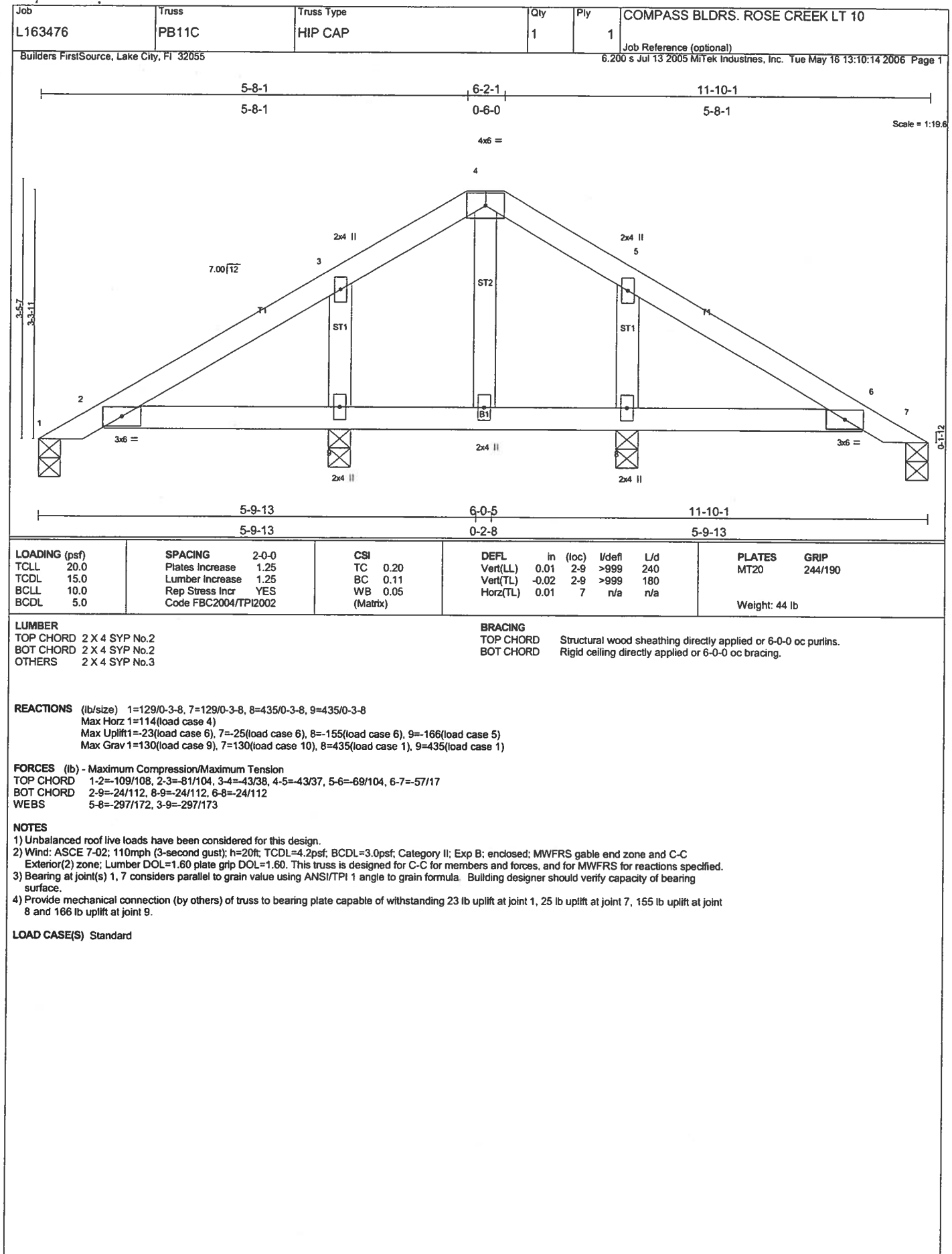


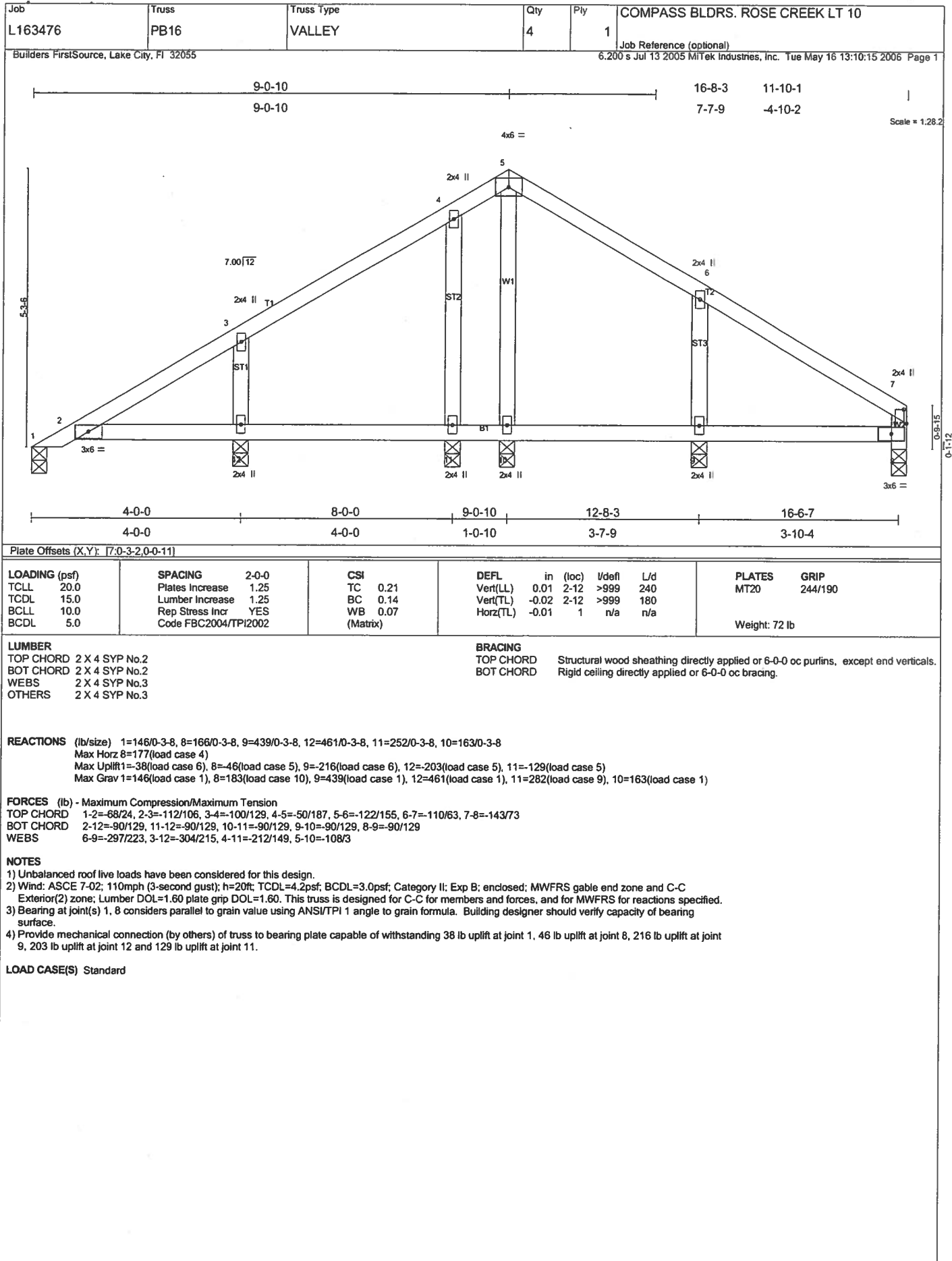


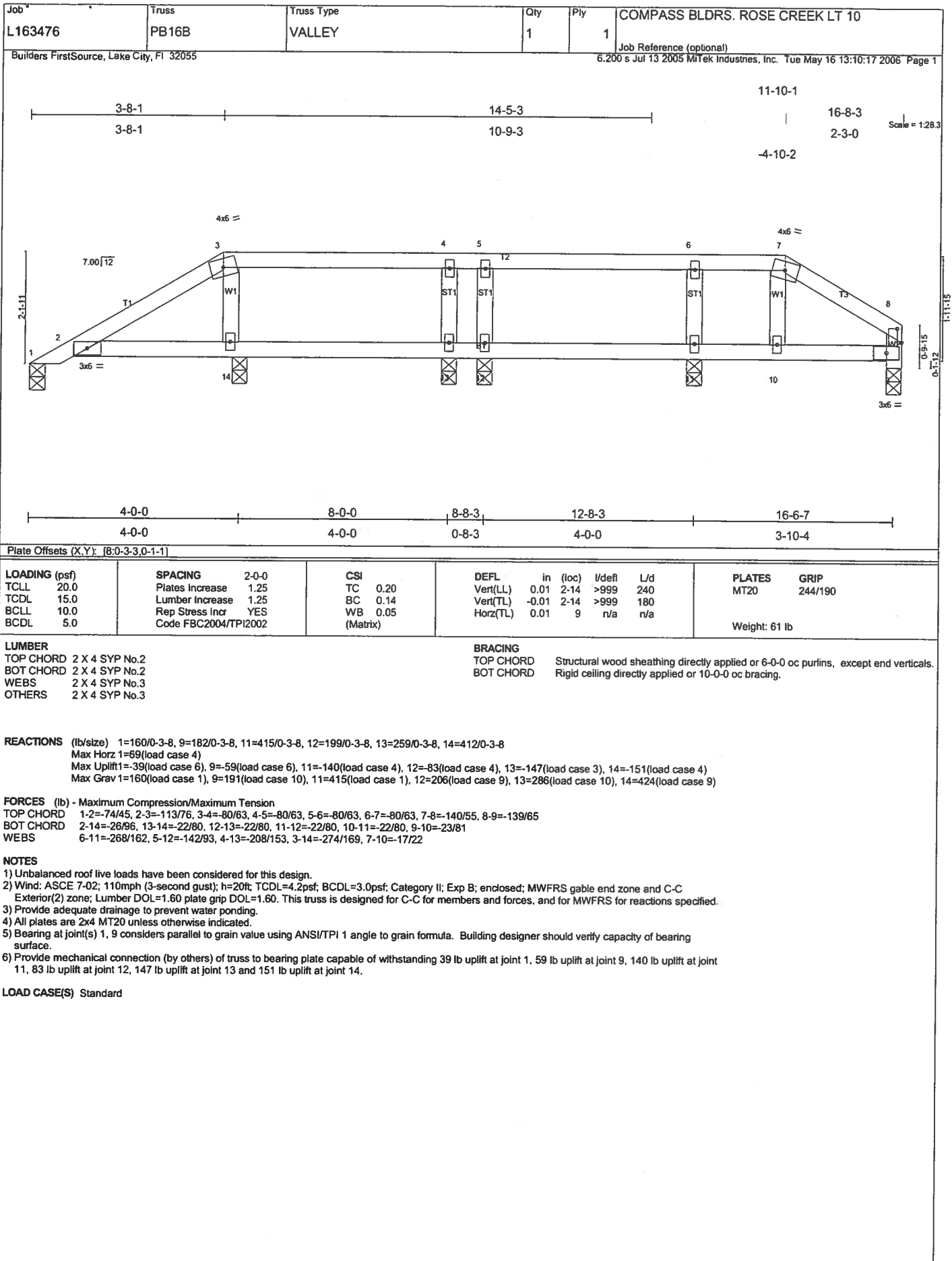


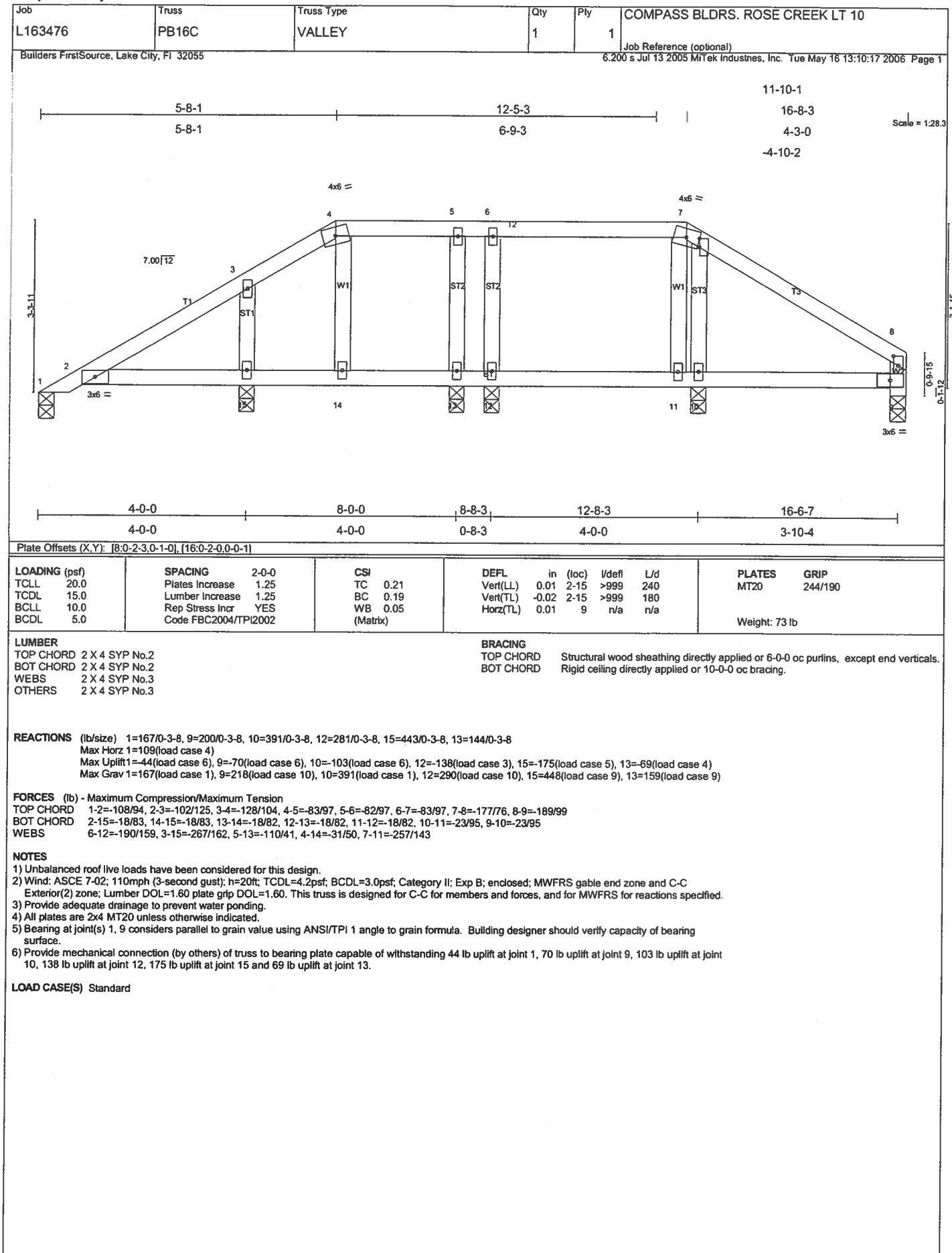


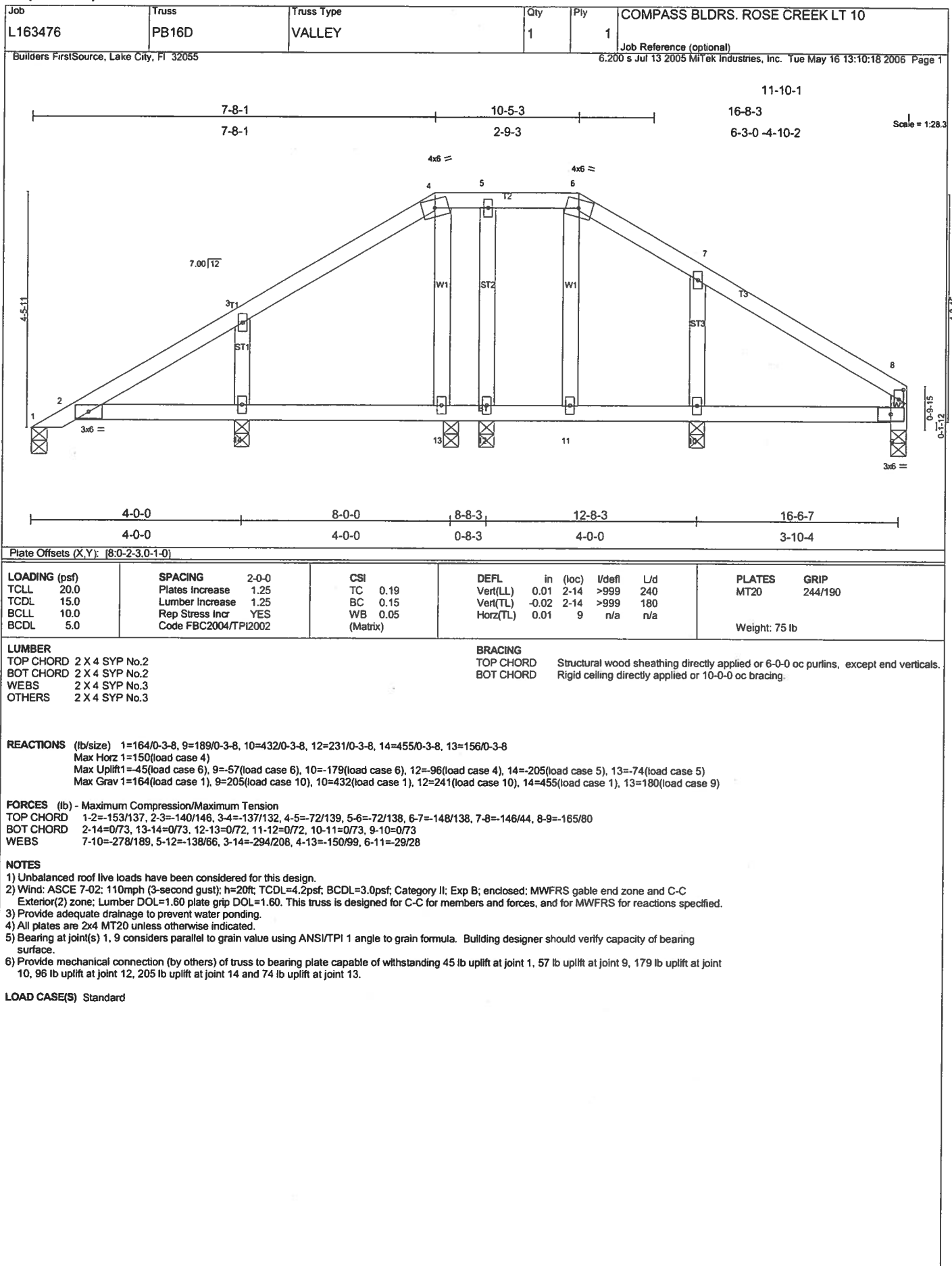


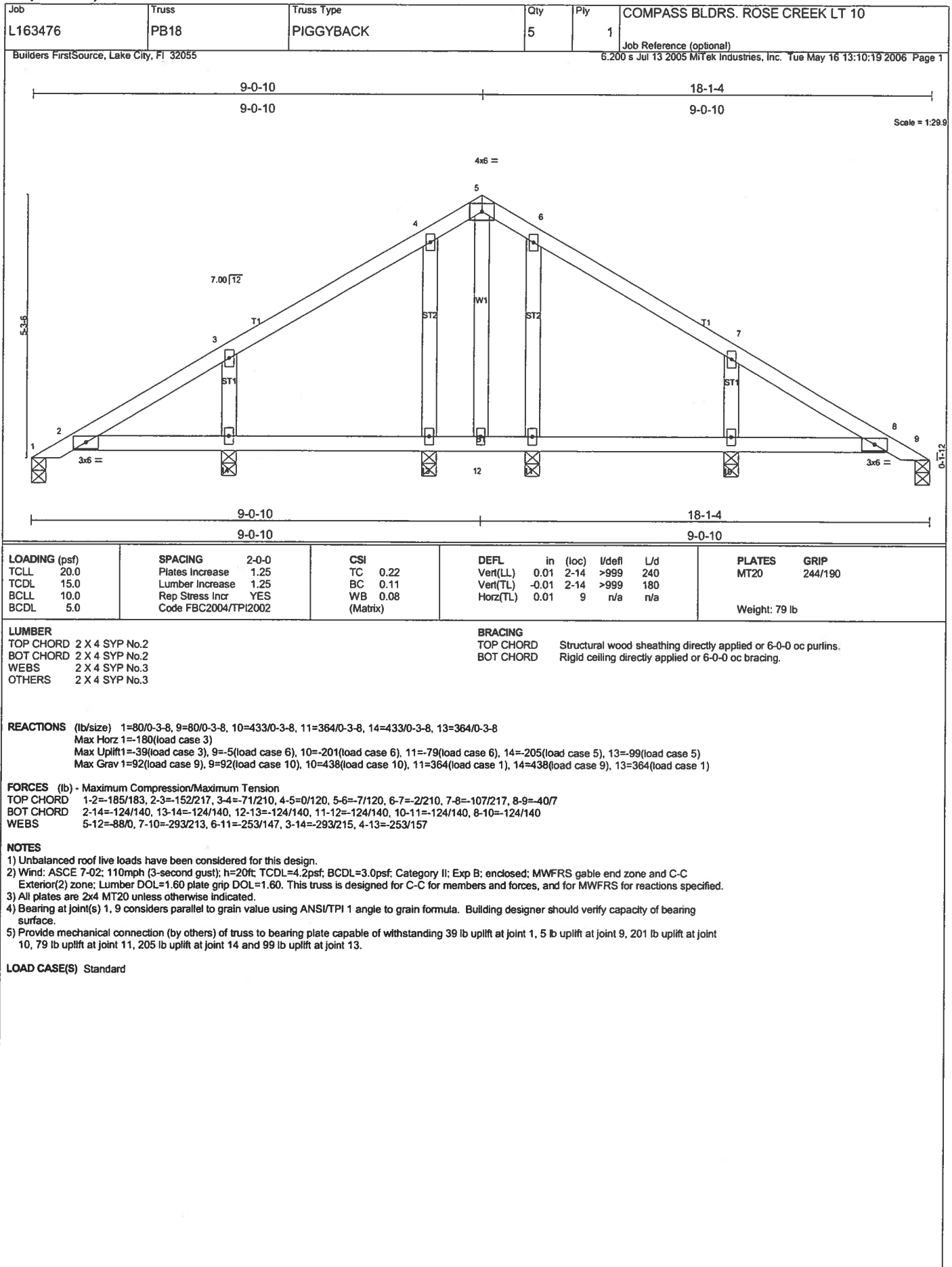












Job L163476	Truss PB18A	Truss Type HIP CAP	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mittek Industries, Inc. Tue May 16 13:10:20 2006 Page 1		

1-8-9 9-0-10 16-4-11 18-1-4

1-8-9 7-4-1 7-4-1 1-8-9

Scale = 1:30.3

1-10-5 16-2-15 18-1-4

1-10-5 14-4-10 1-10-5

Plate Offsets (X,Y): [3:0-4-7,0-1-8], [8:0-4-7,0-1-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.19	in (loc) l/defi L/d	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.13	Vert(LL) 0.01 16 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.05	Vert(TL) -0.02 16 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.01 10 n/a n/a		
Weight: 54 lb					

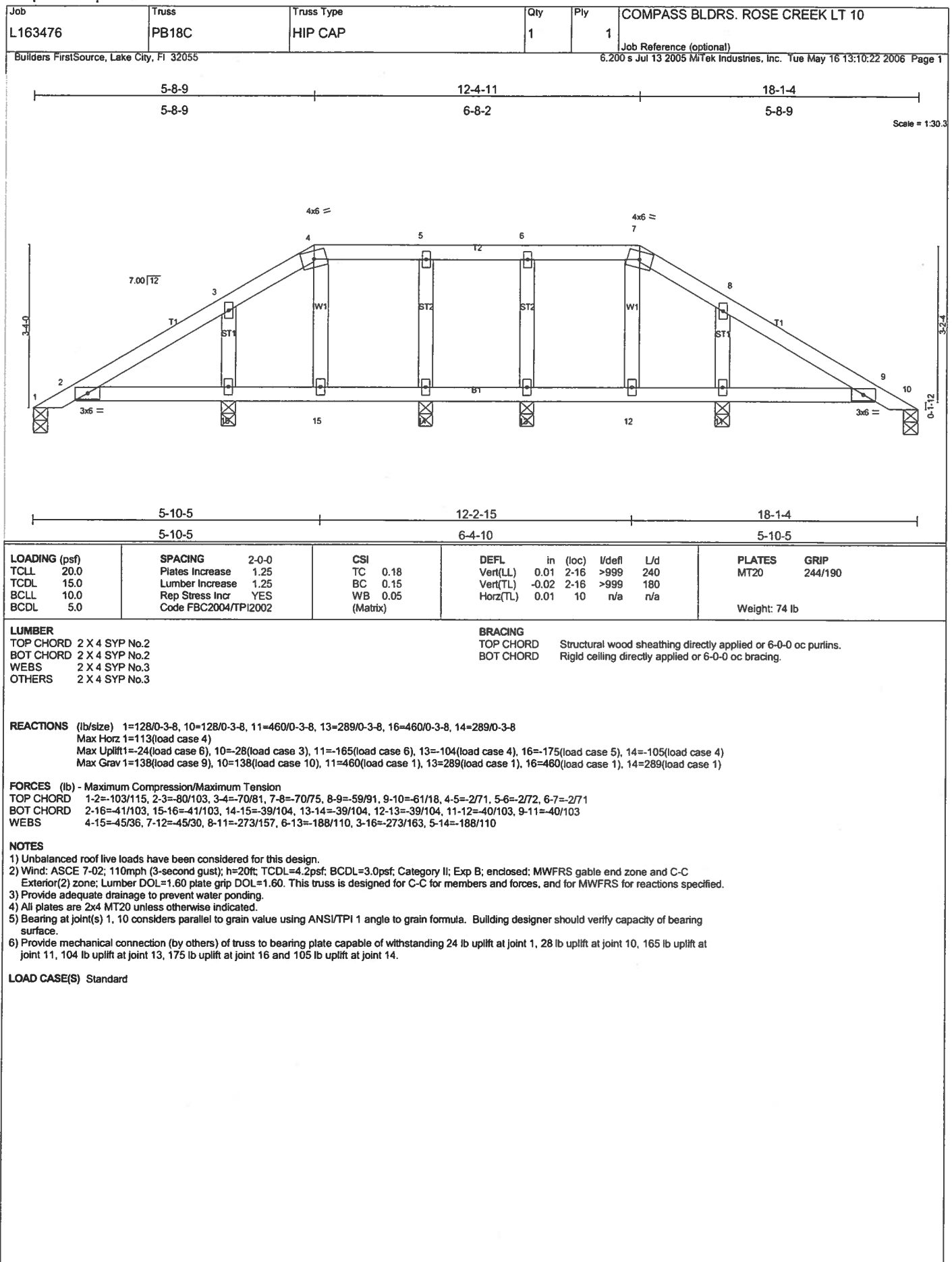
LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3 OTHERS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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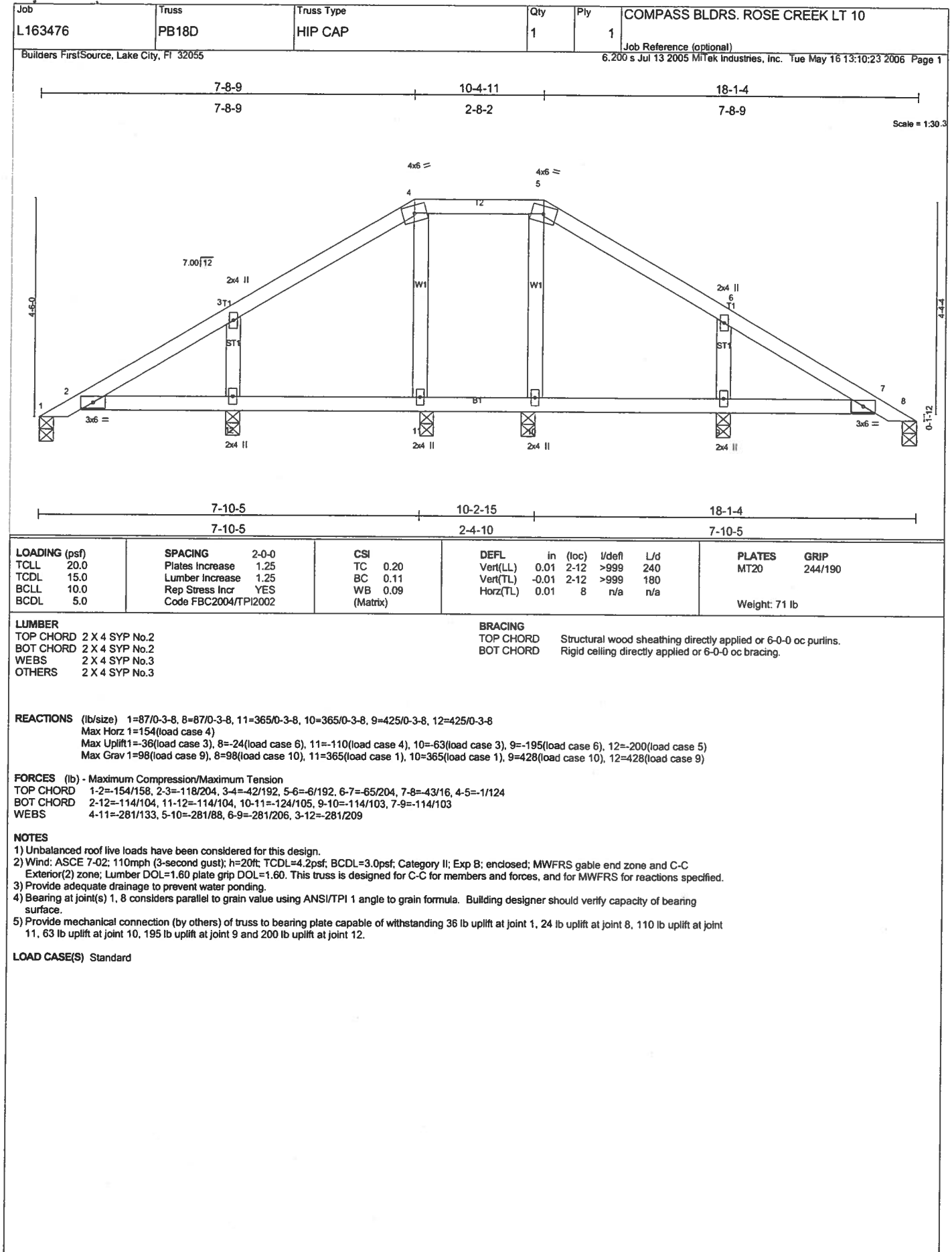
REACTIONS (lb/size) 1=149/0-3-8, 10=149/0-3-8, 12=444/0-3-8, 13=284/0-3-8, 15=444/0-3-8, 14=284/0-3-8
 Max Horz 1=32(load case 3)
 Max Uplift 1=44(load case 5), 10=47(load case 6), 12=168(load case 3), 13=122(load case 4), 15=175(load case 4), 14=123(load case 3)
 Max Grav 1=149(load case 1), 10=149(load case 1), 12=446(load case 10), 13=291(load case 9), 15=446(load case 9), 14=291(load case 10)

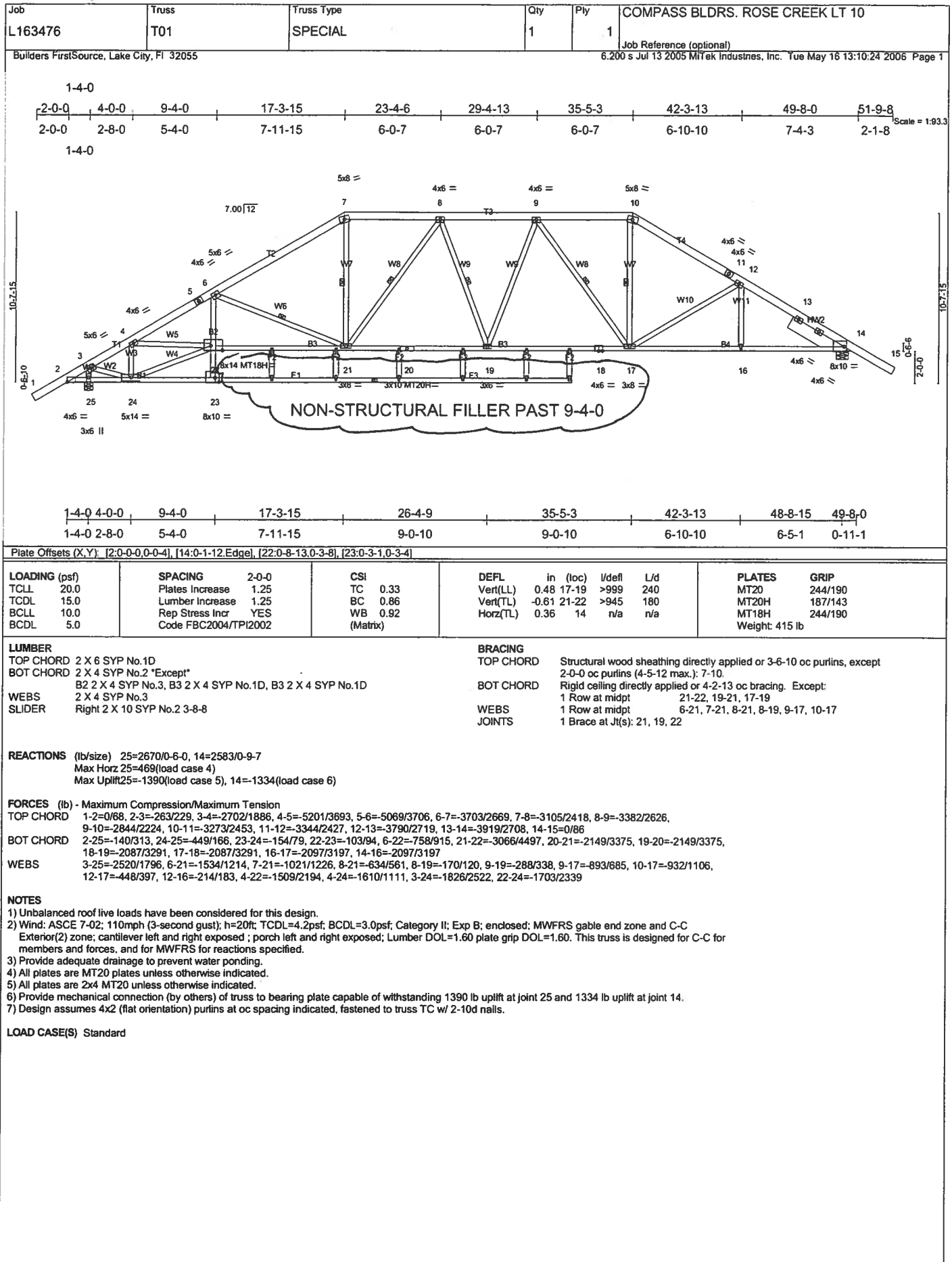
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-66/33, 2-3=-102/40, 8-9=-102/40, 9-10=-66/28, 3-4=-78/42, 4-5=-78/43, 5-6=-78/43, 6-7=-78/43, 7-8=-78/42
 BOT CHORD 2-16=-25/79, 15-16=-19/78, 14-15=-19/78, 13-14=-19/78, 12-13=-19/78, 11-12=-19/78, 9-11=-22/79
 WEBS 3-16=-9/21, 8-11=-9/18, 7-12=-294/179, 6-13=-205/138, 4-15=-294/182, 5-14=-205/139

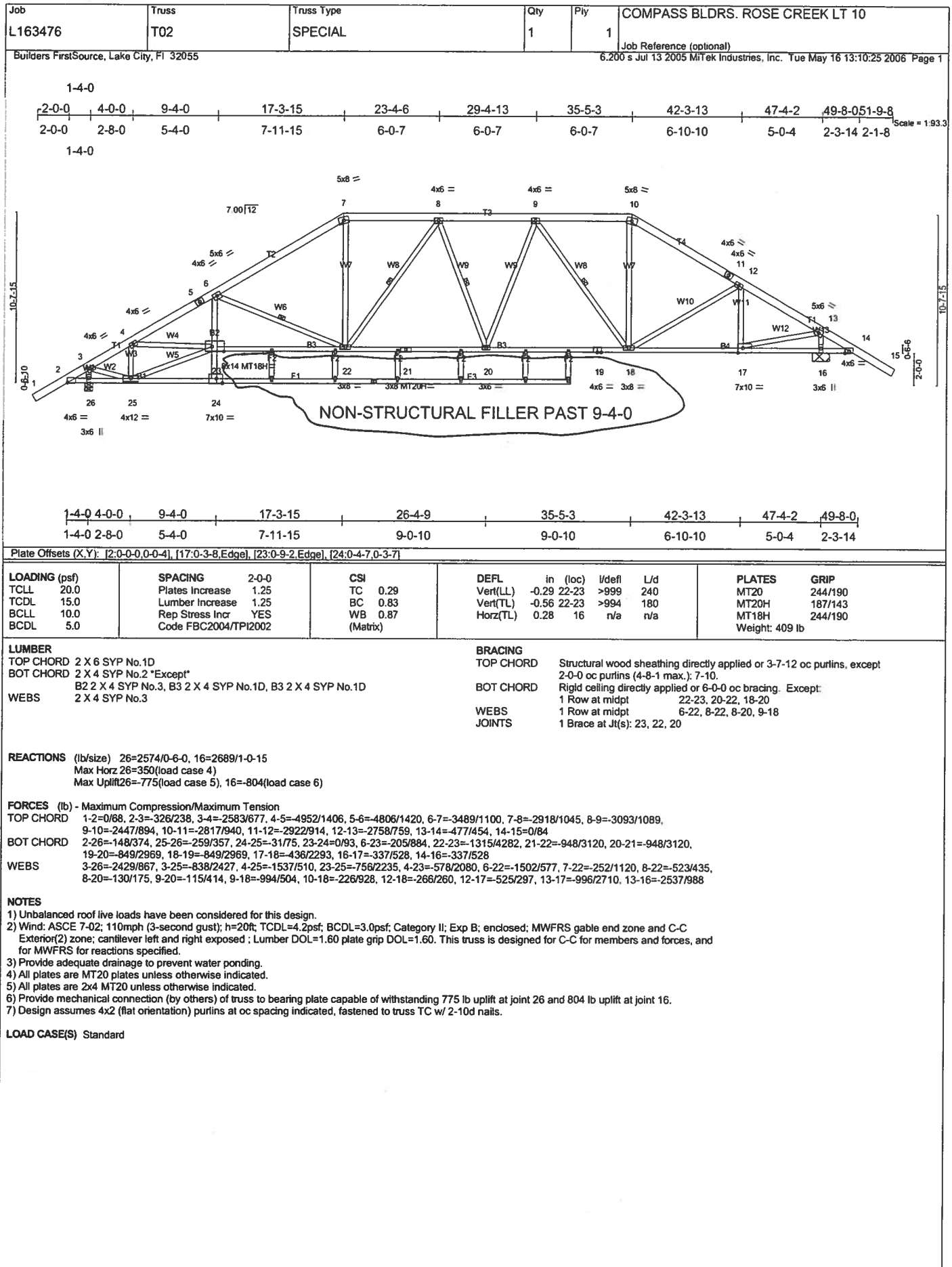
NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide adequate drainage to prevent water ponding.
 4) Bearing at joint(s) 1, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 1, 47 lb uplift at joint 10, 168 lb uplift at joint 12, 122 lb uplift at joint 13, 175 lb uplift at joint 15 and 123 lb uplift at joint 14.

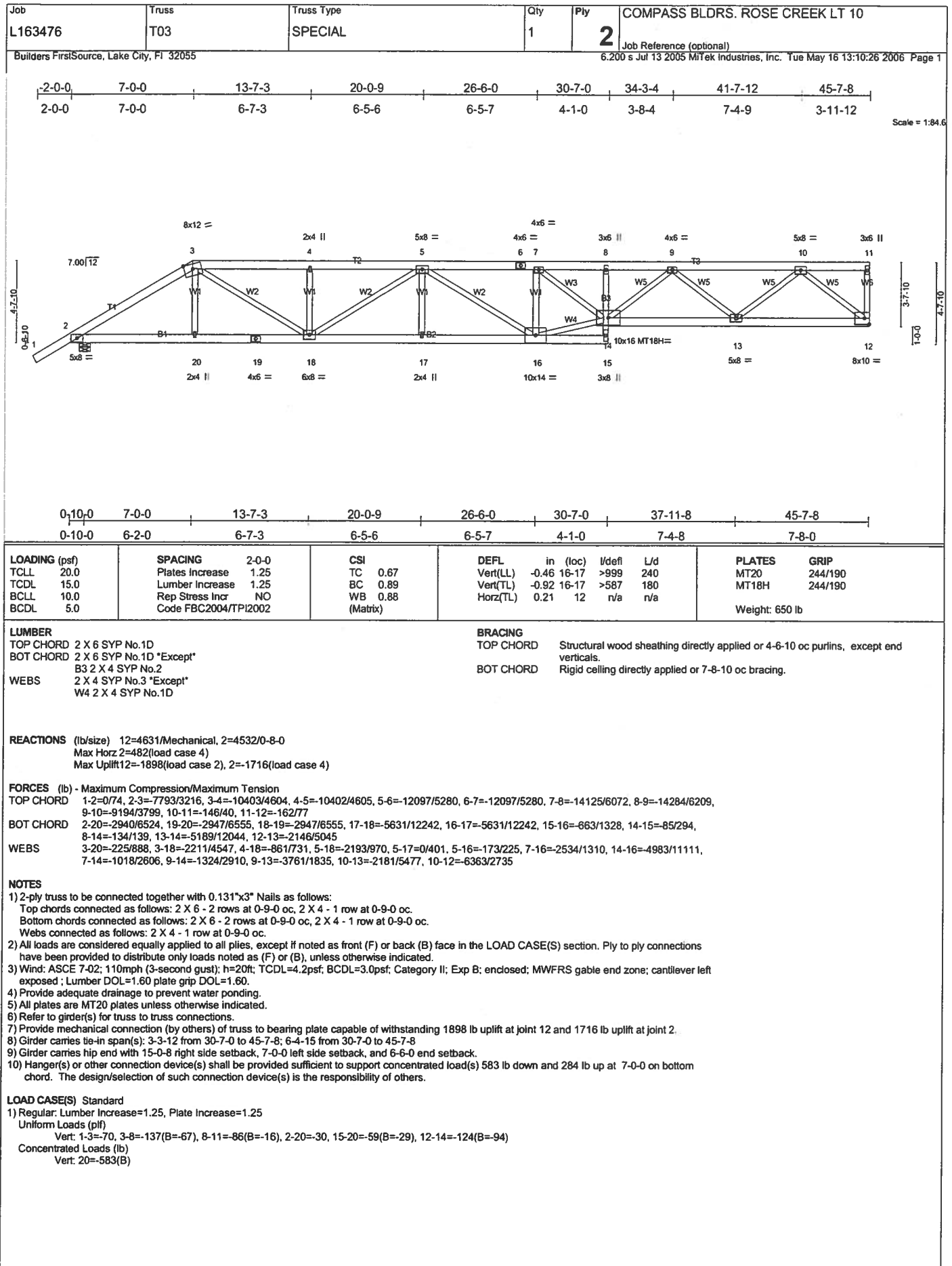
LOAD CASE(S) Standard

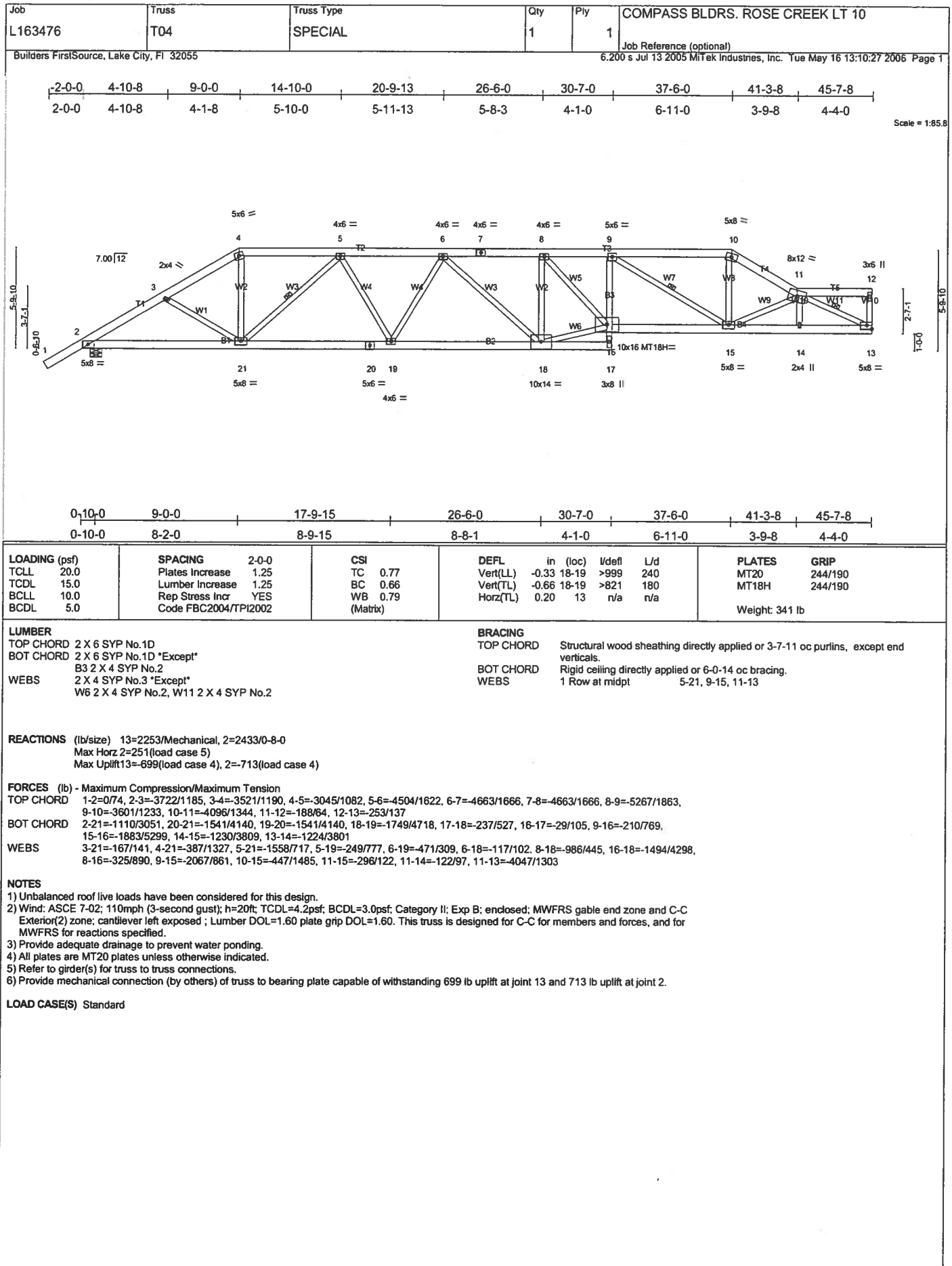


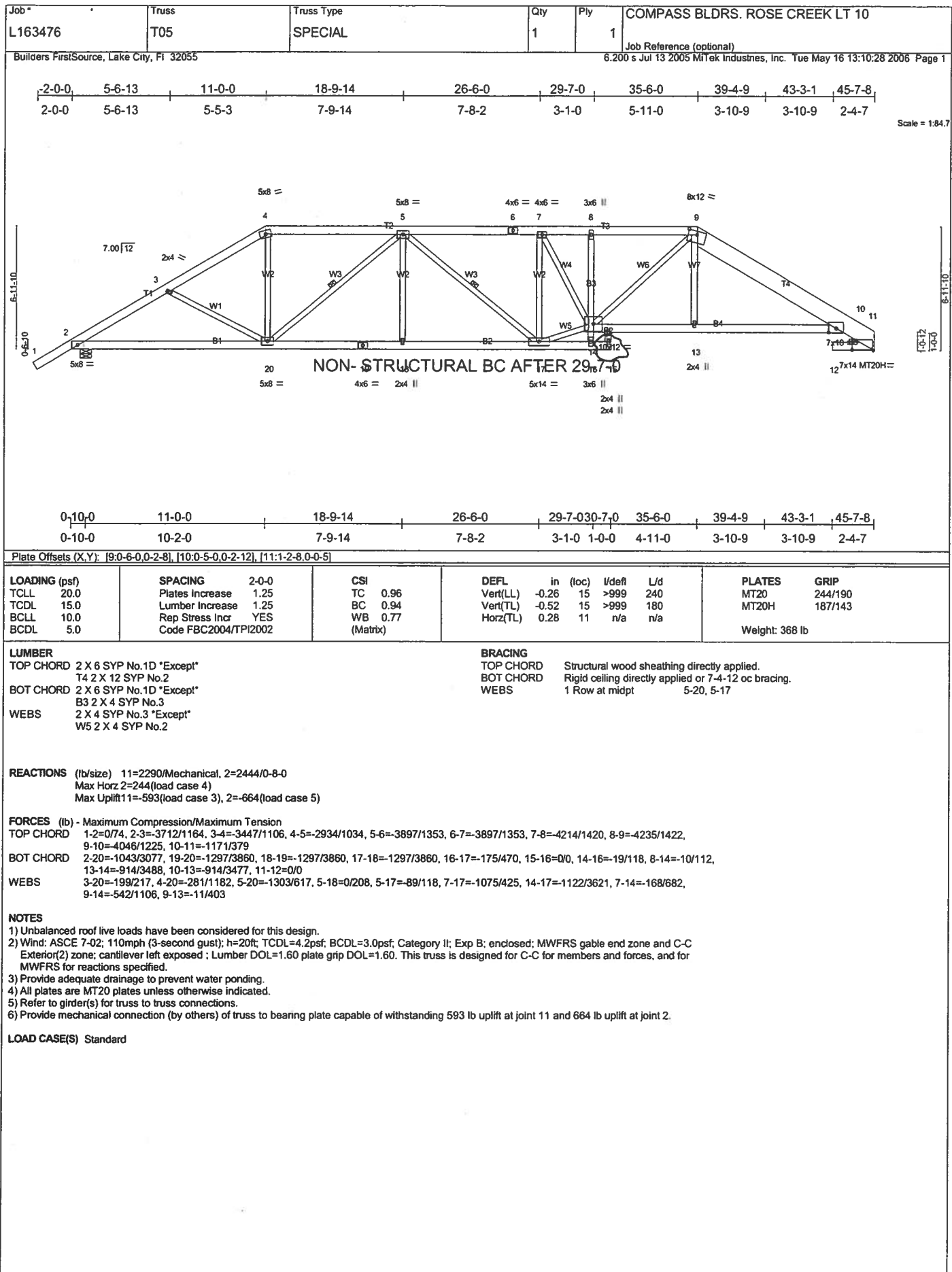


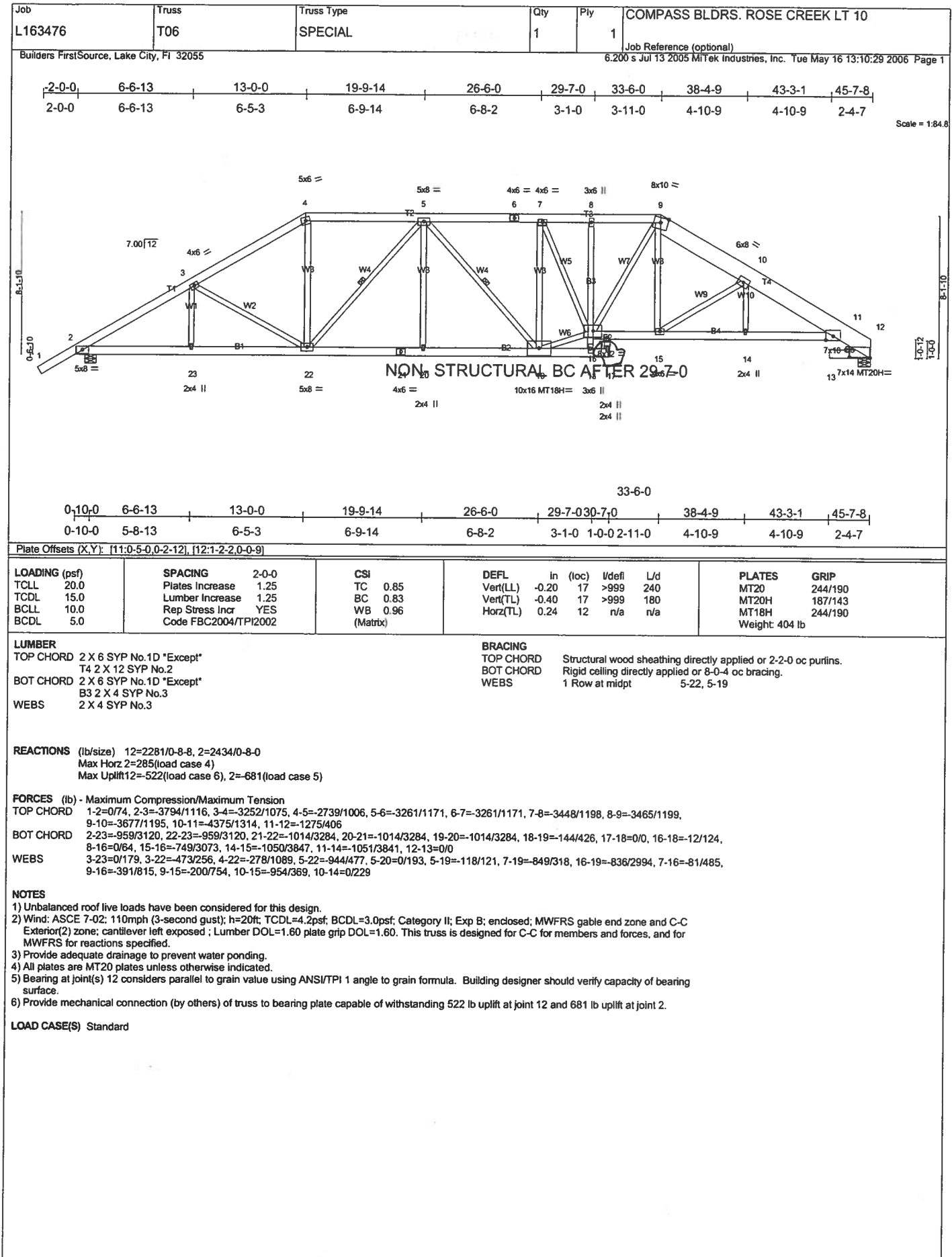


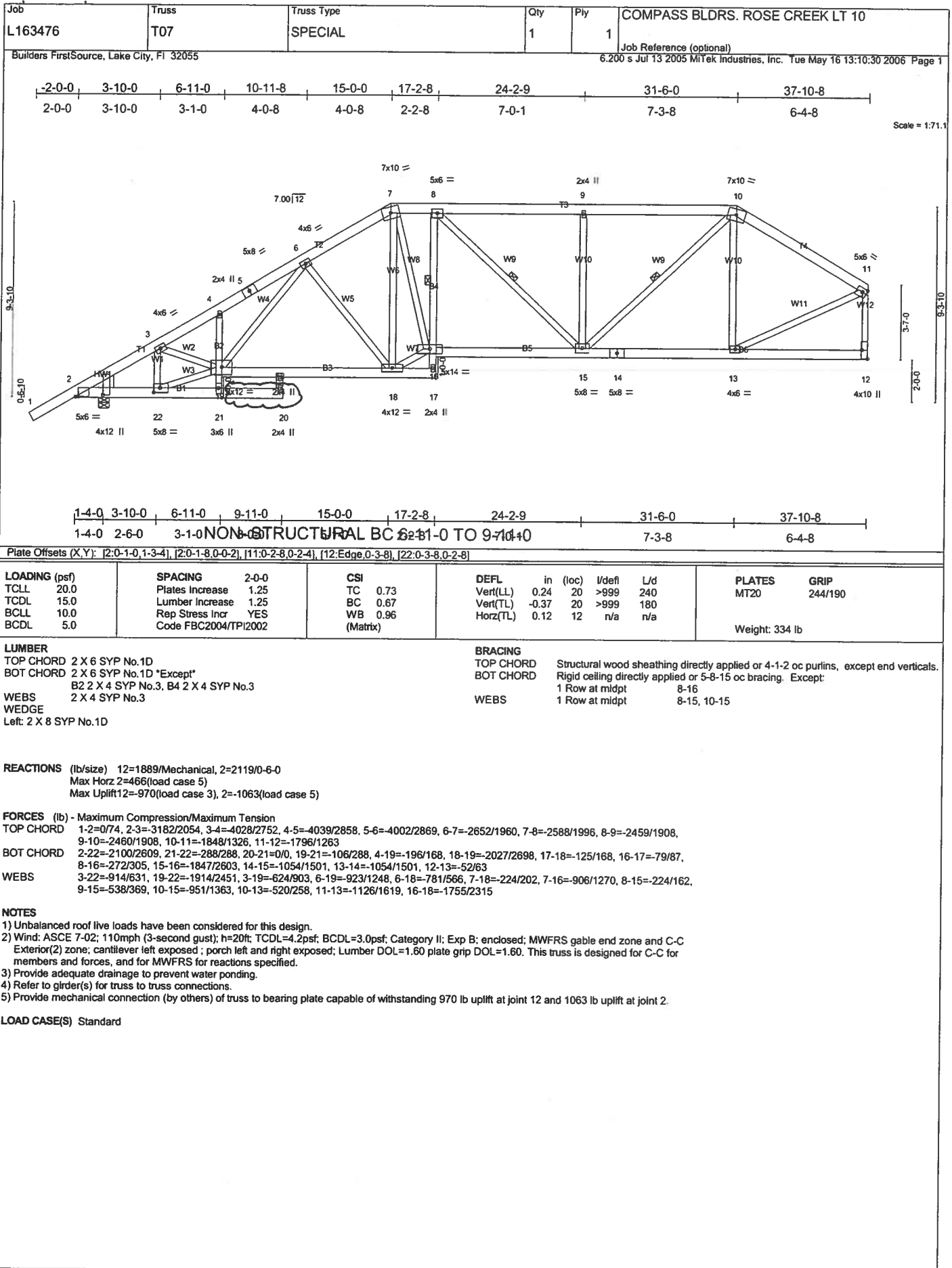


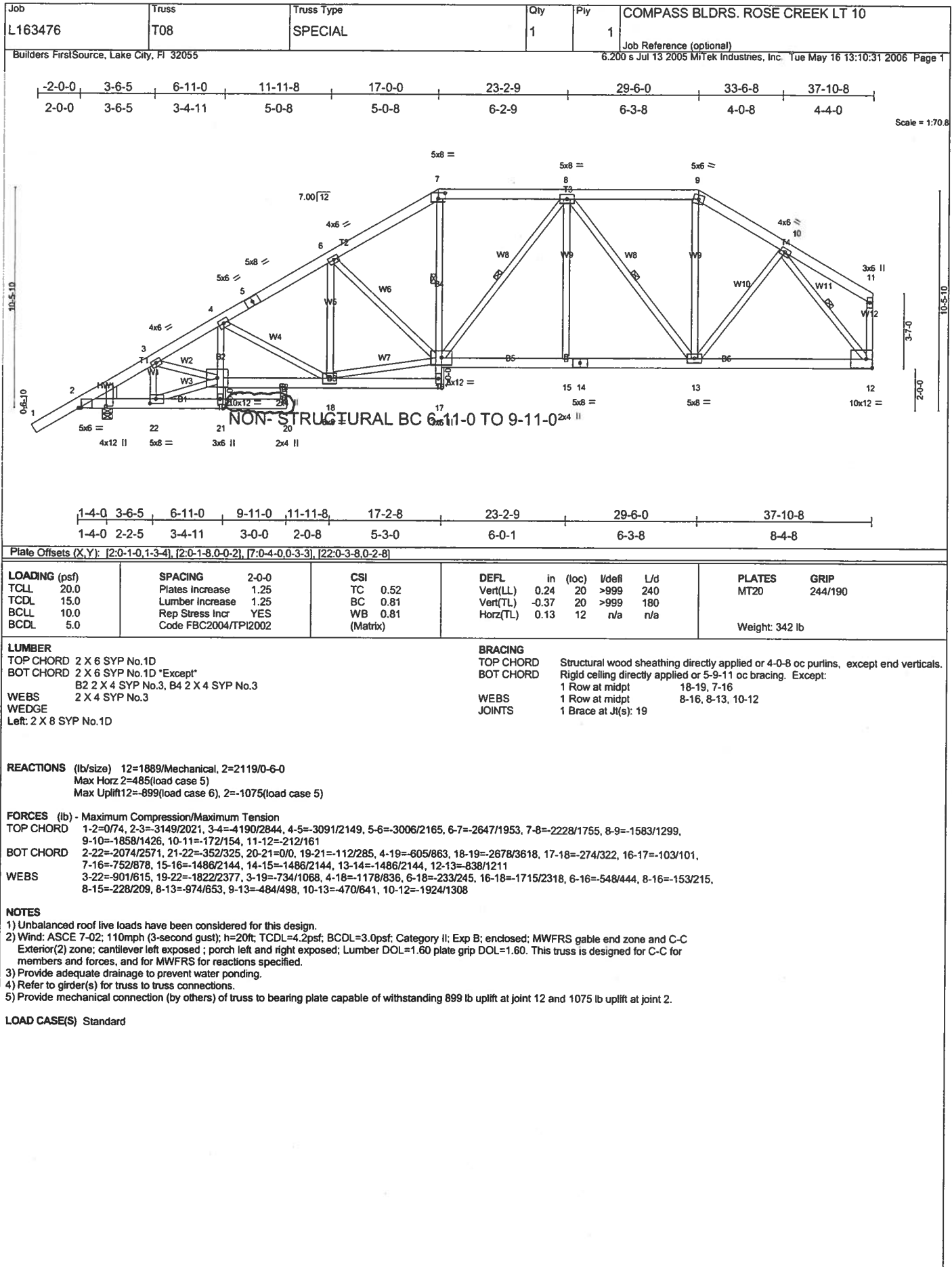


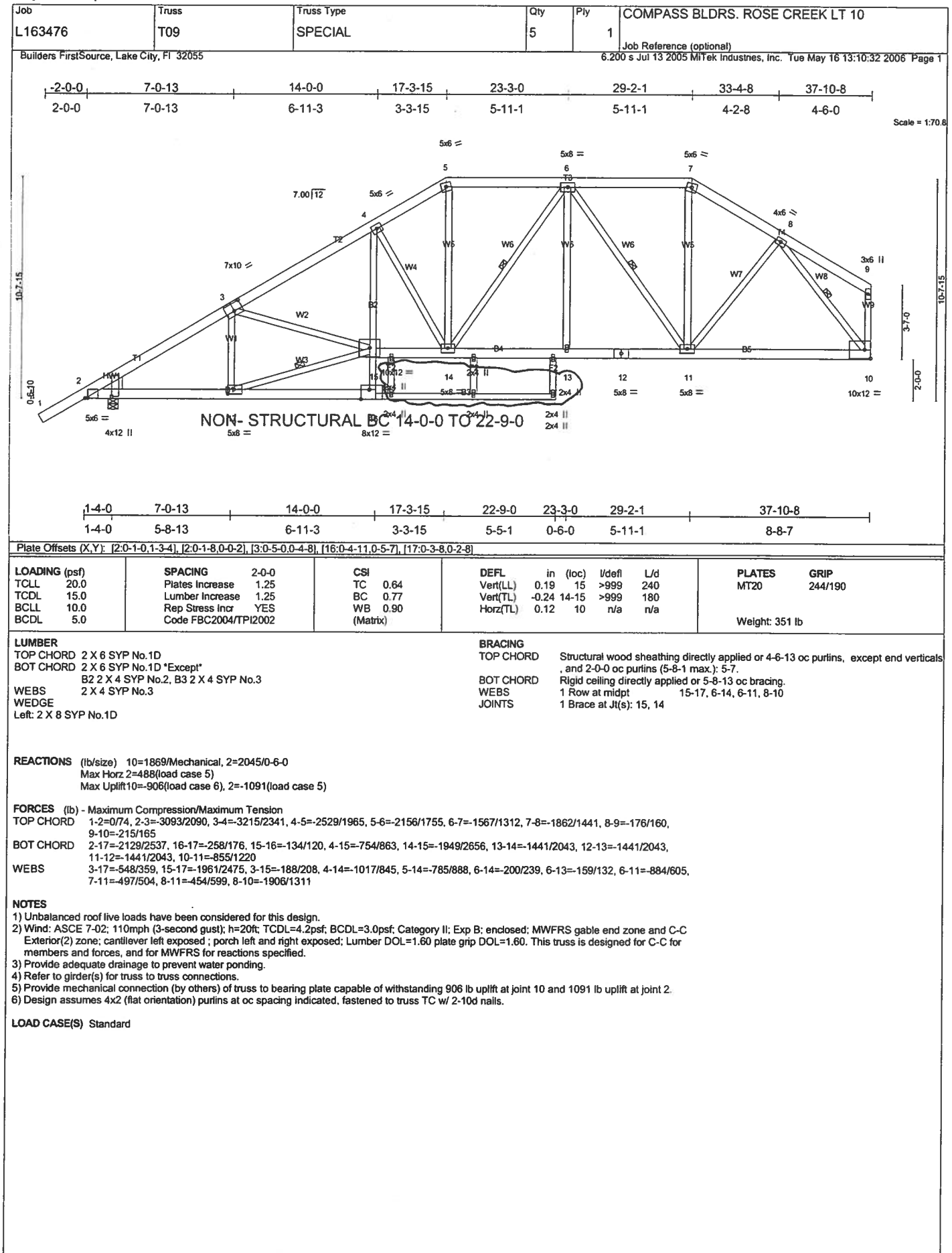


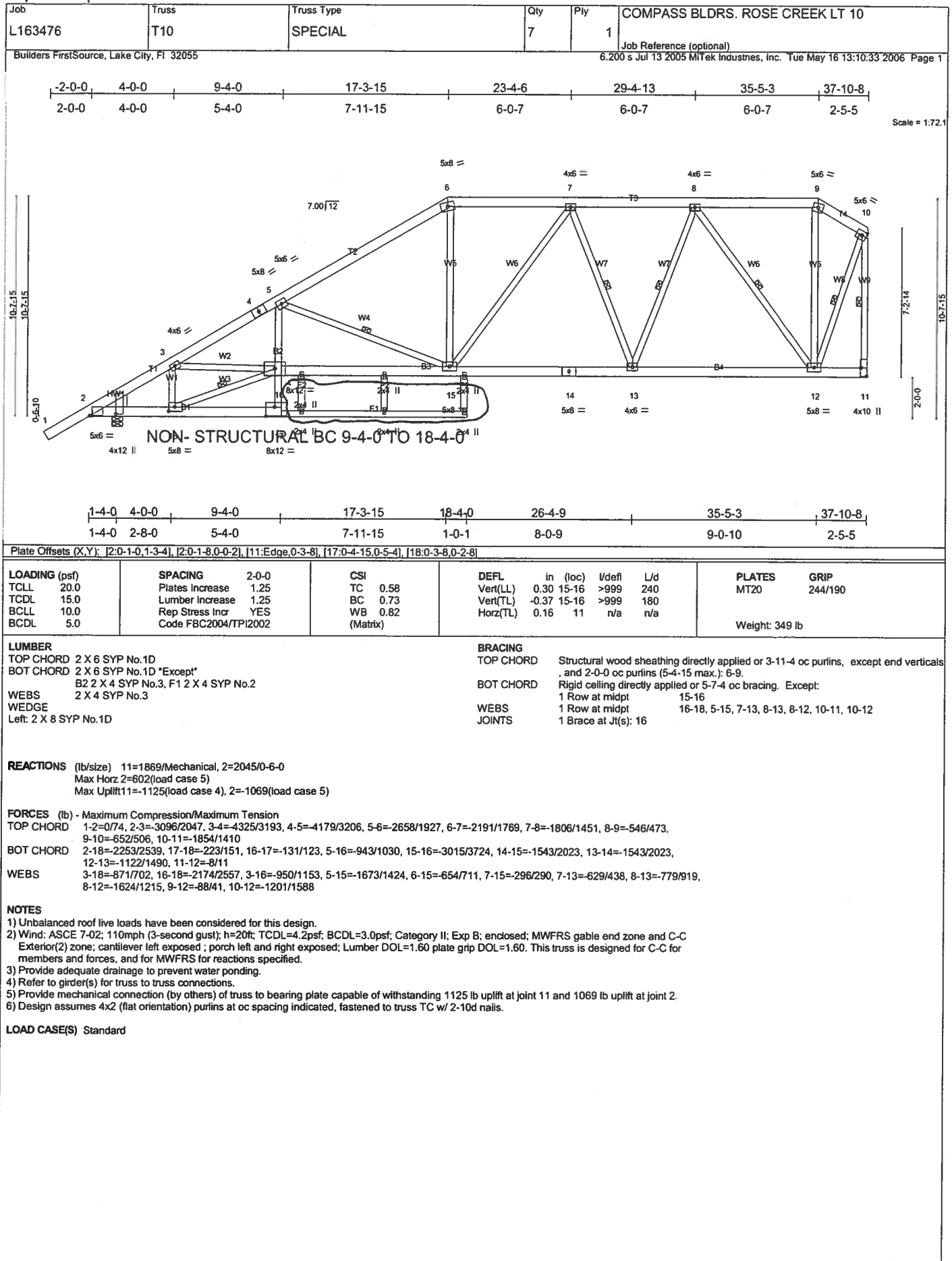


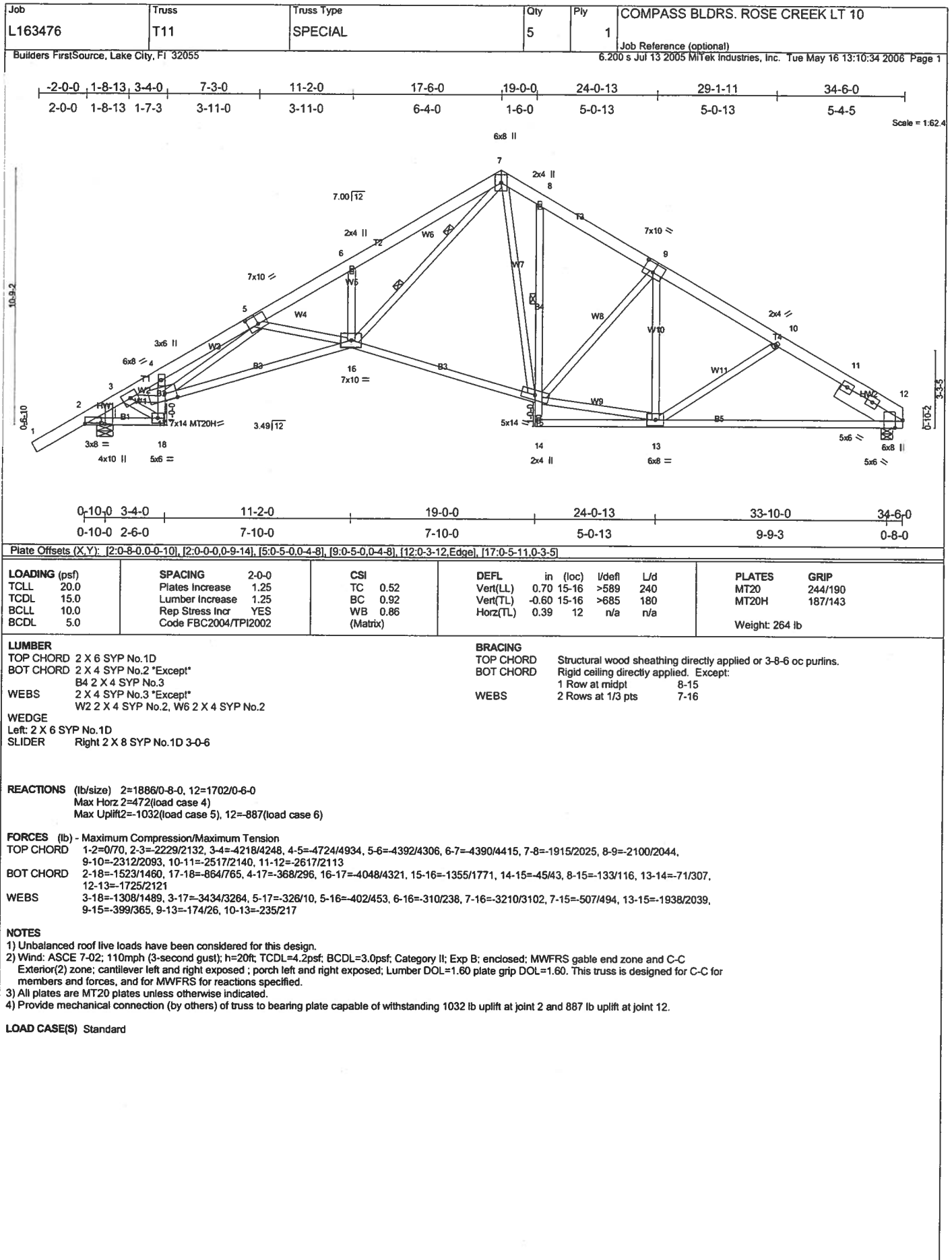




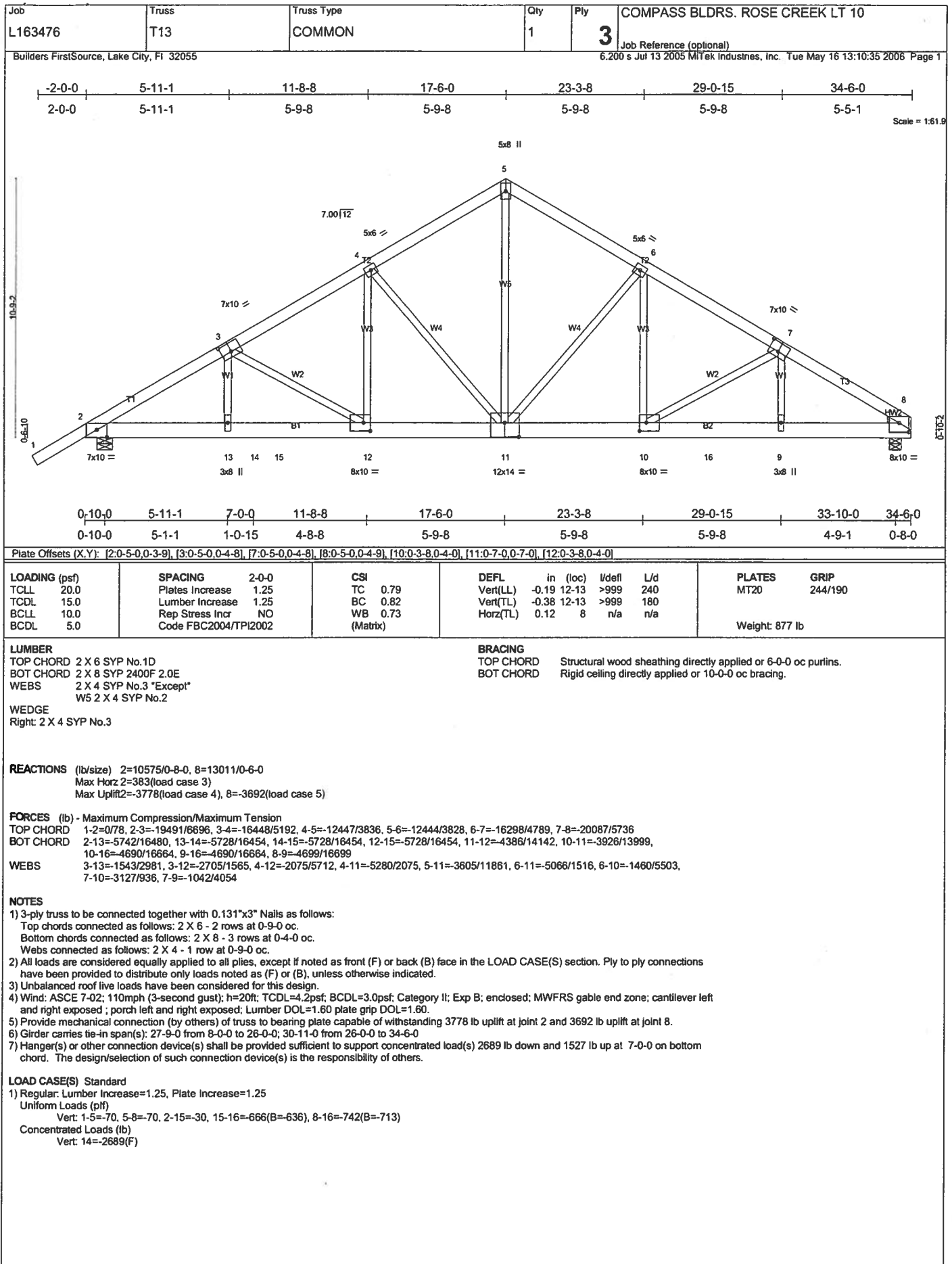


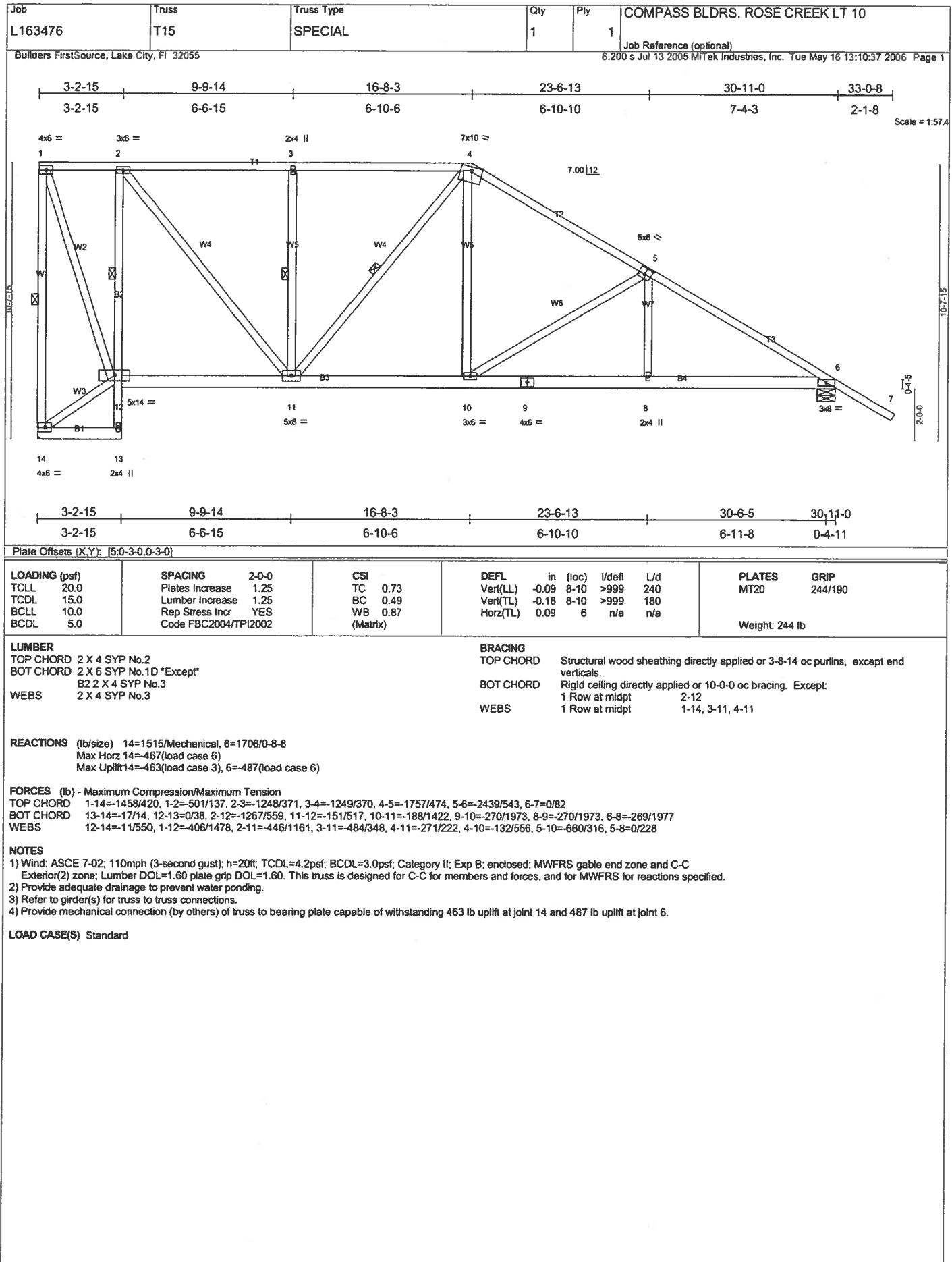


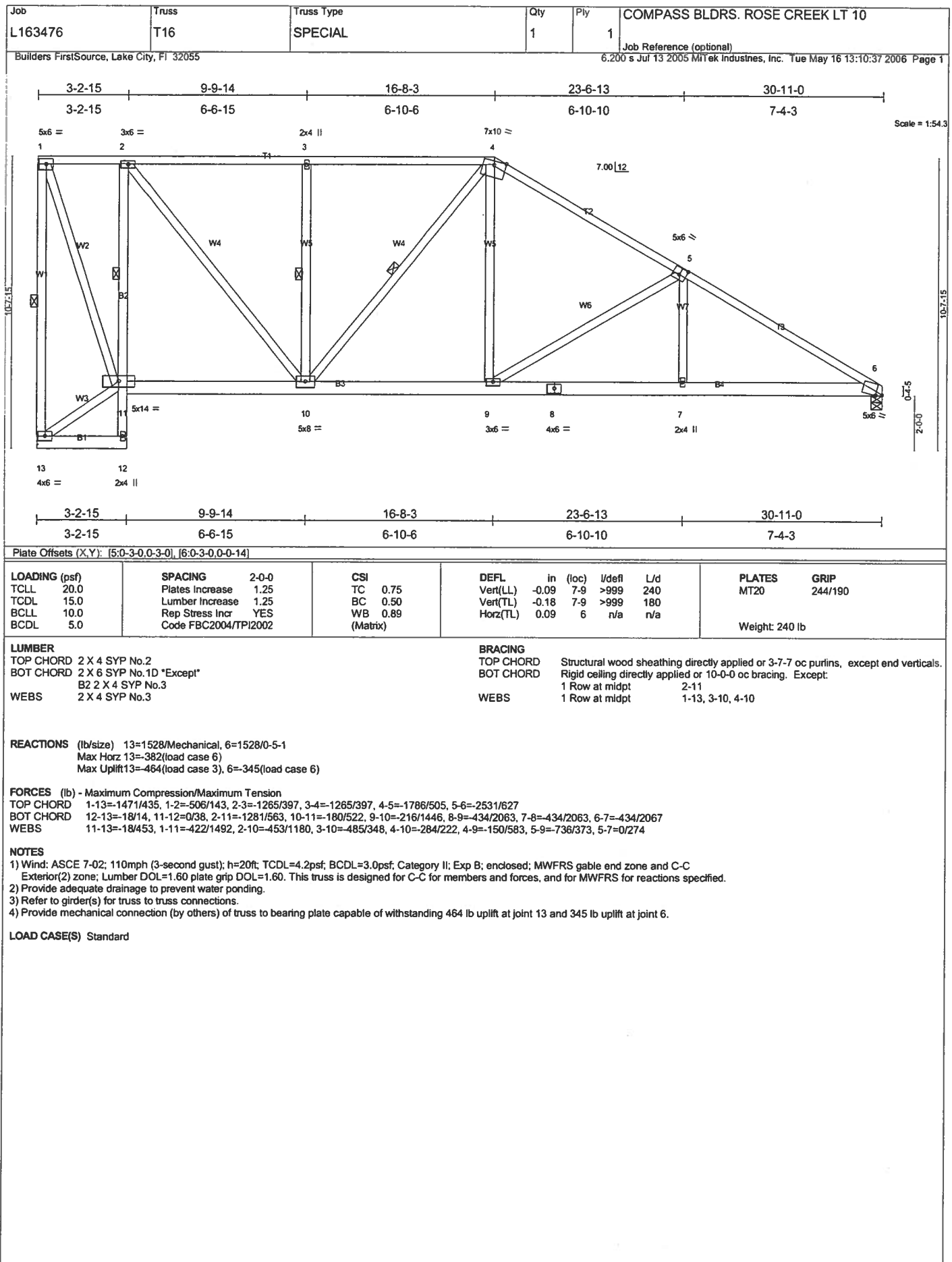


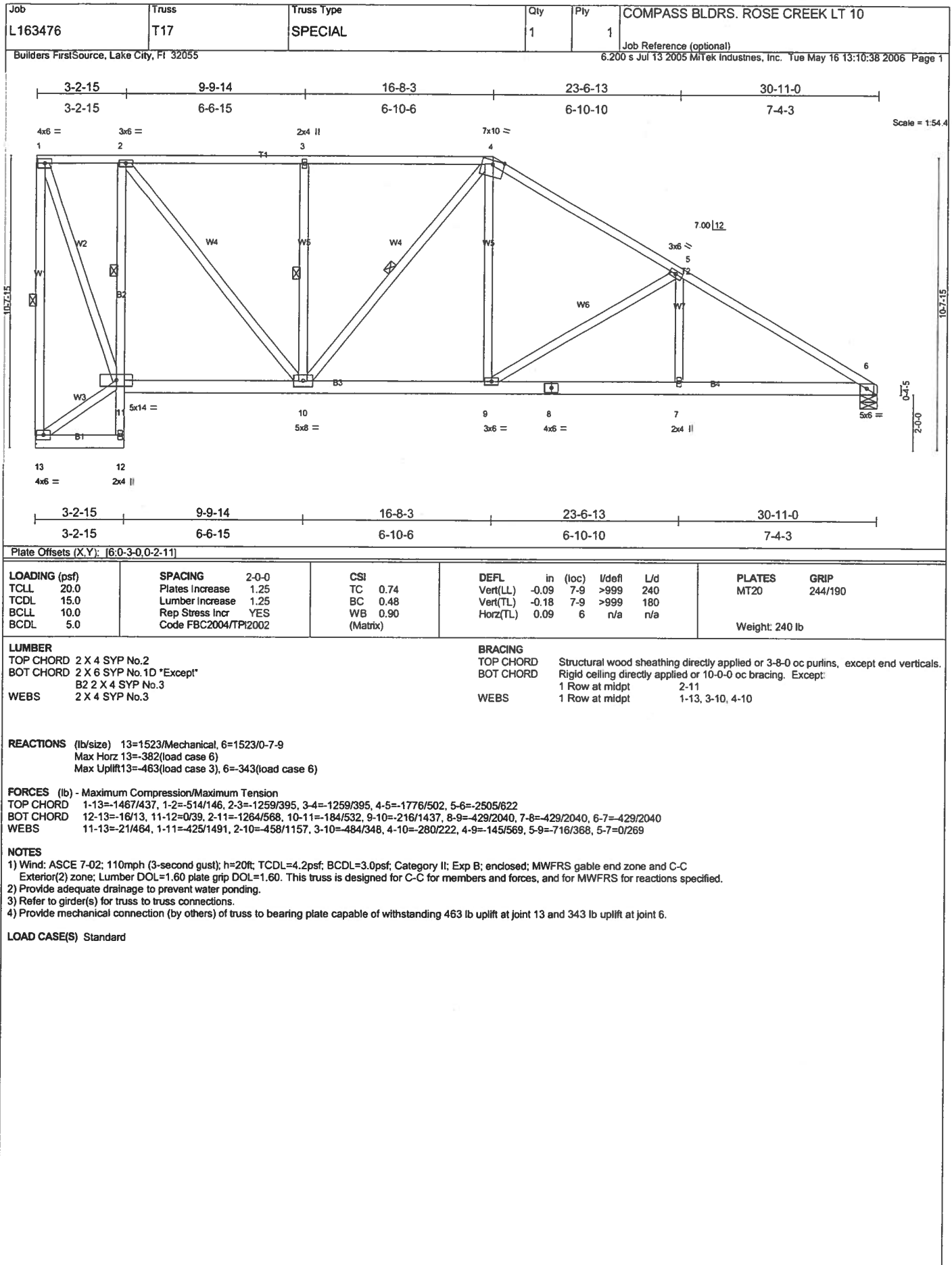


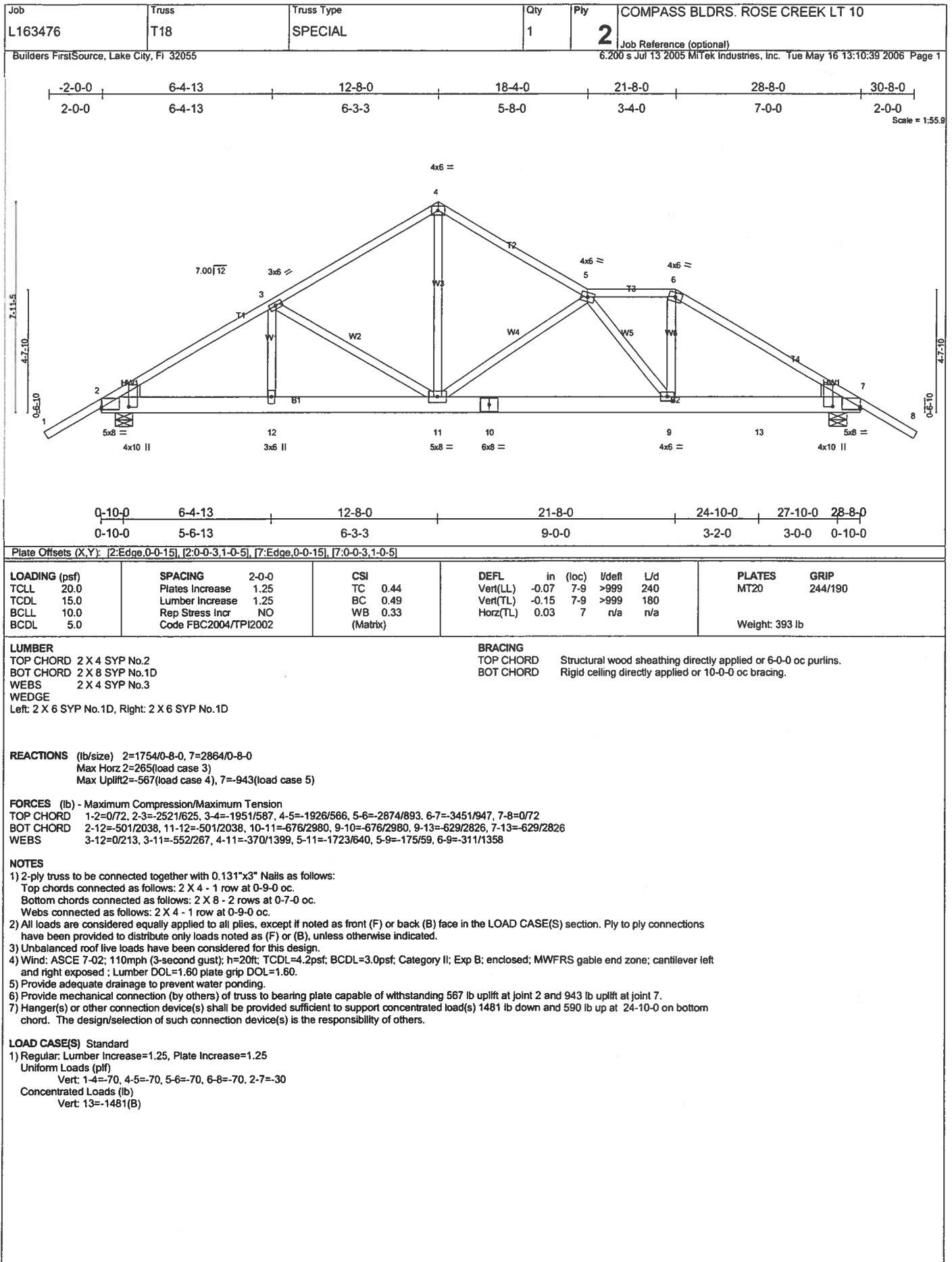
MAY 19, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

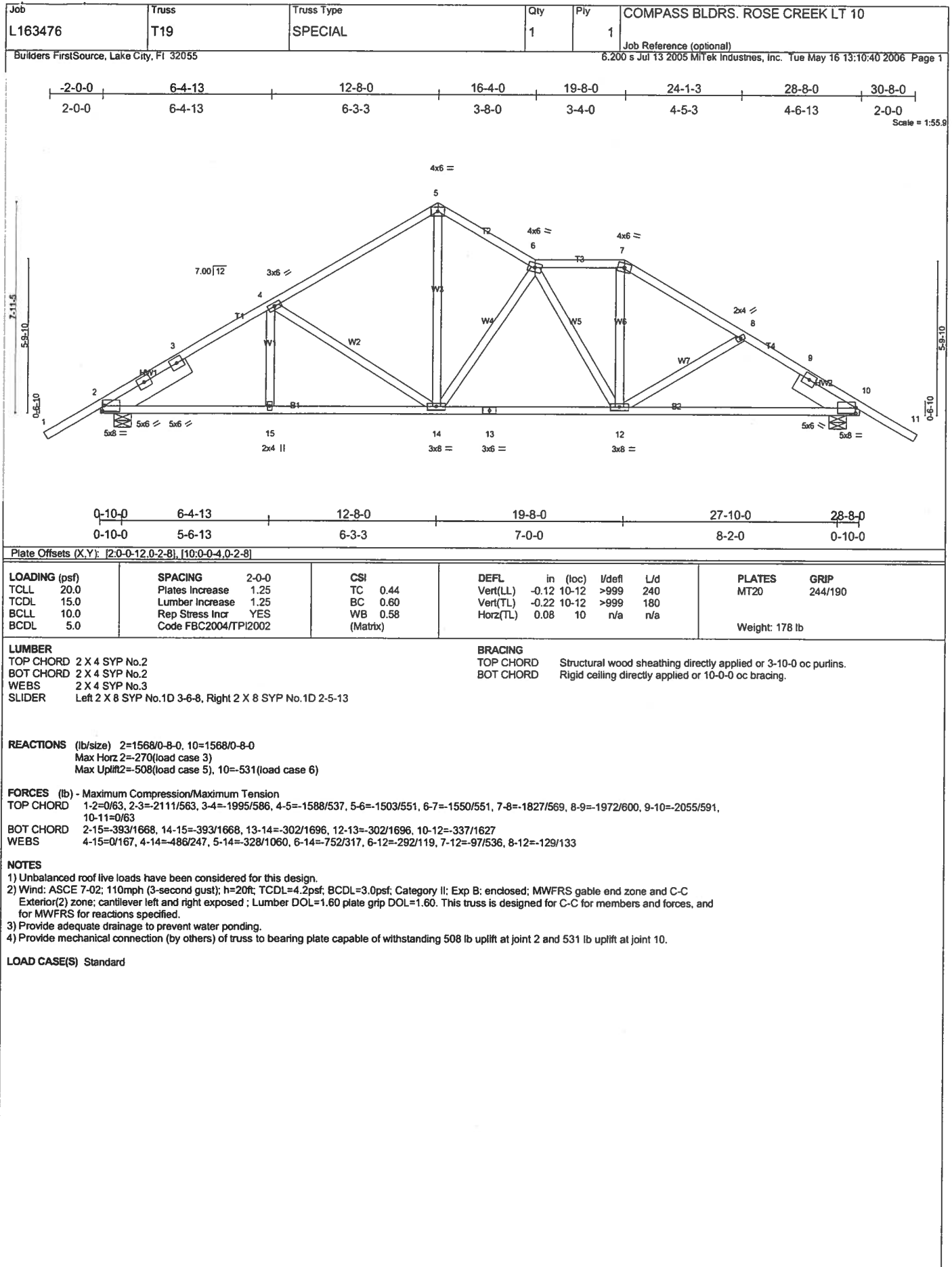


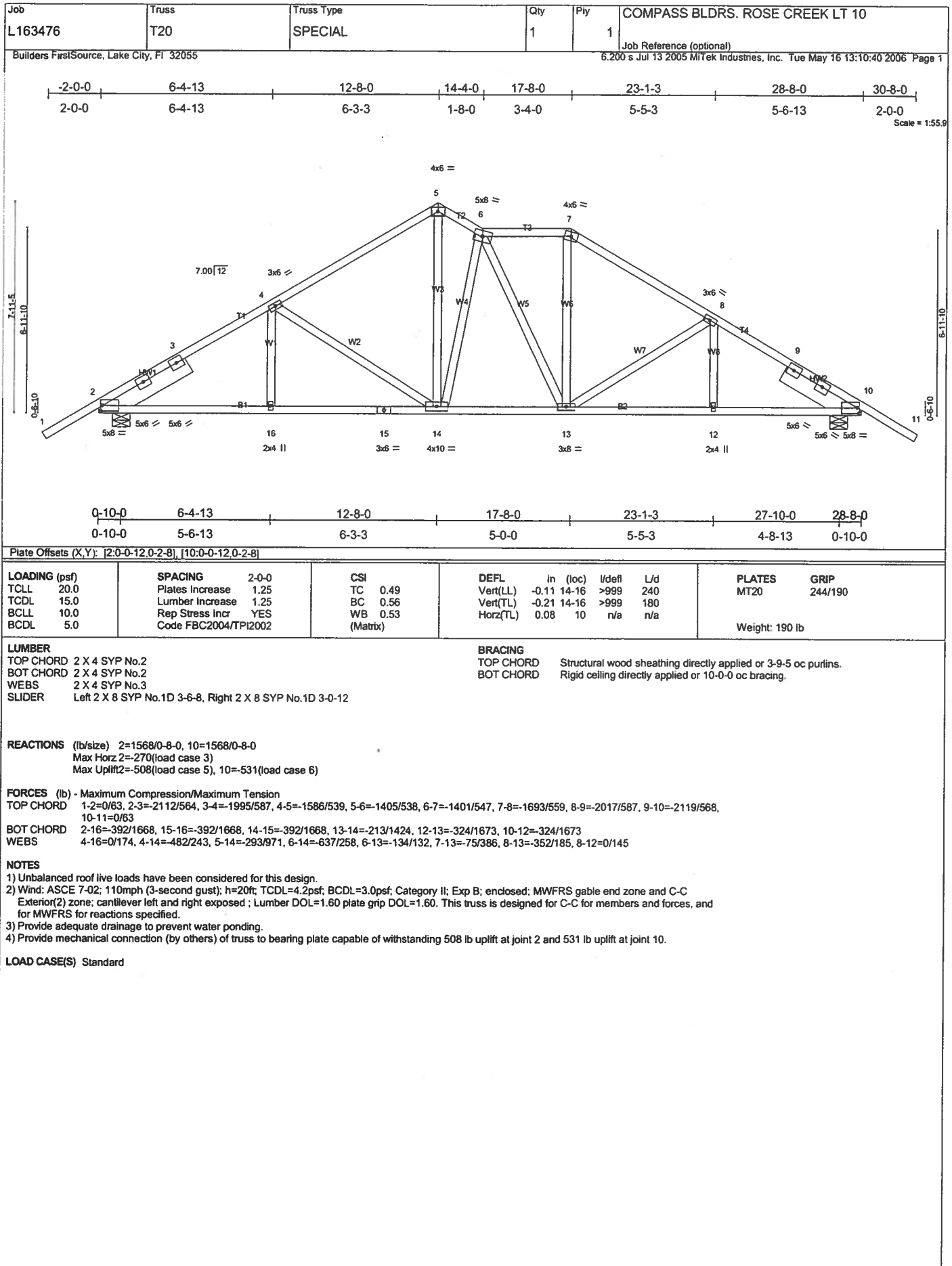


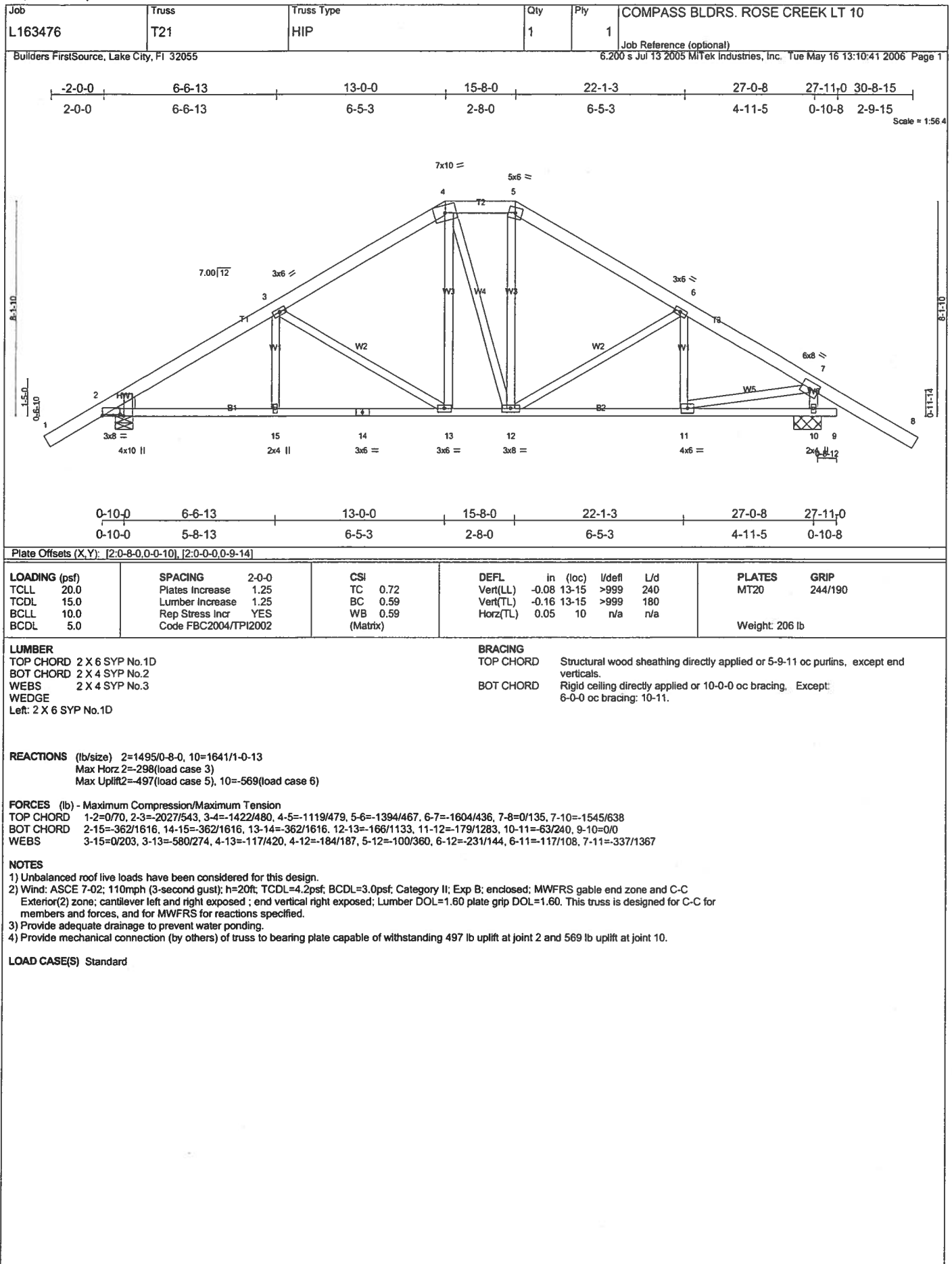


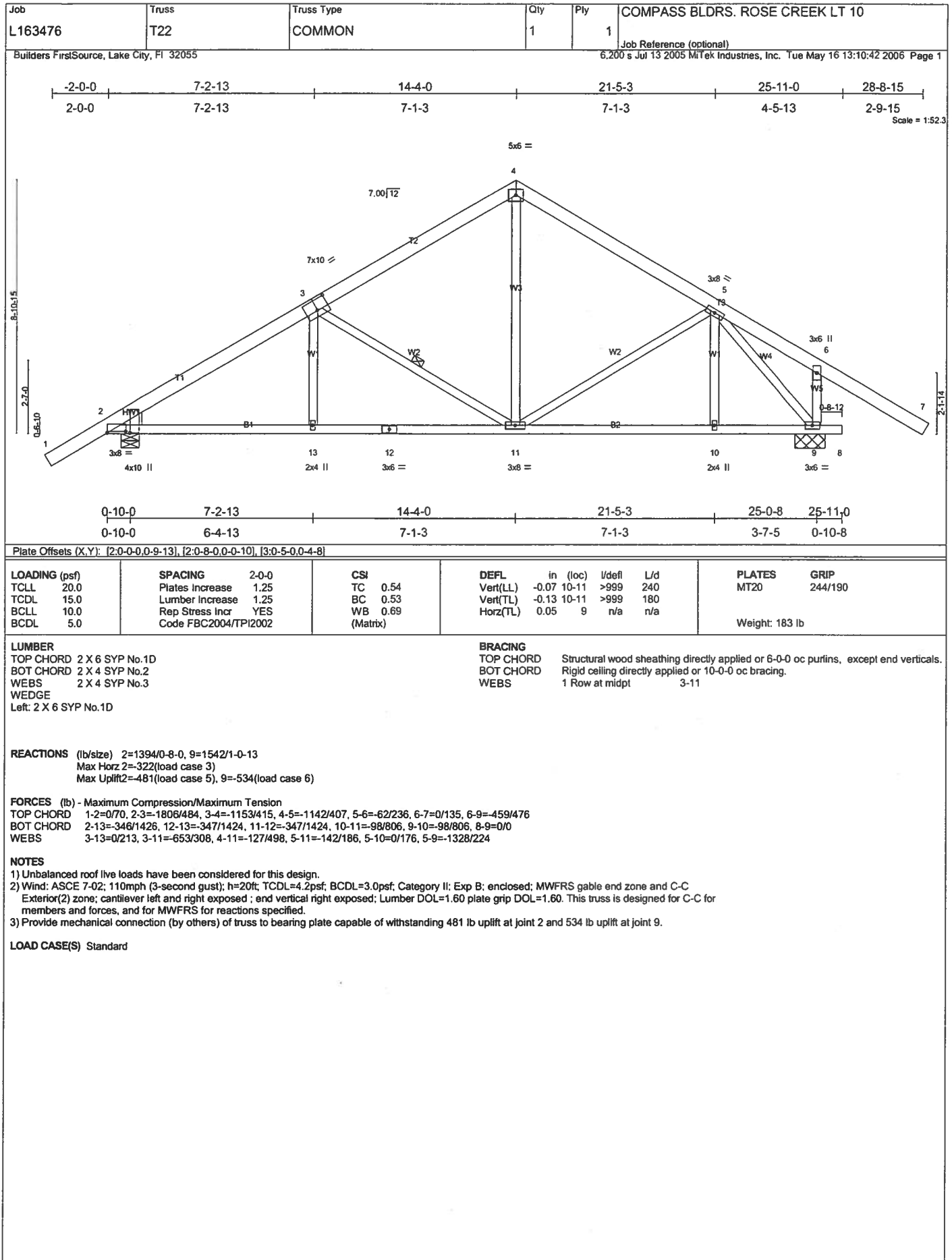


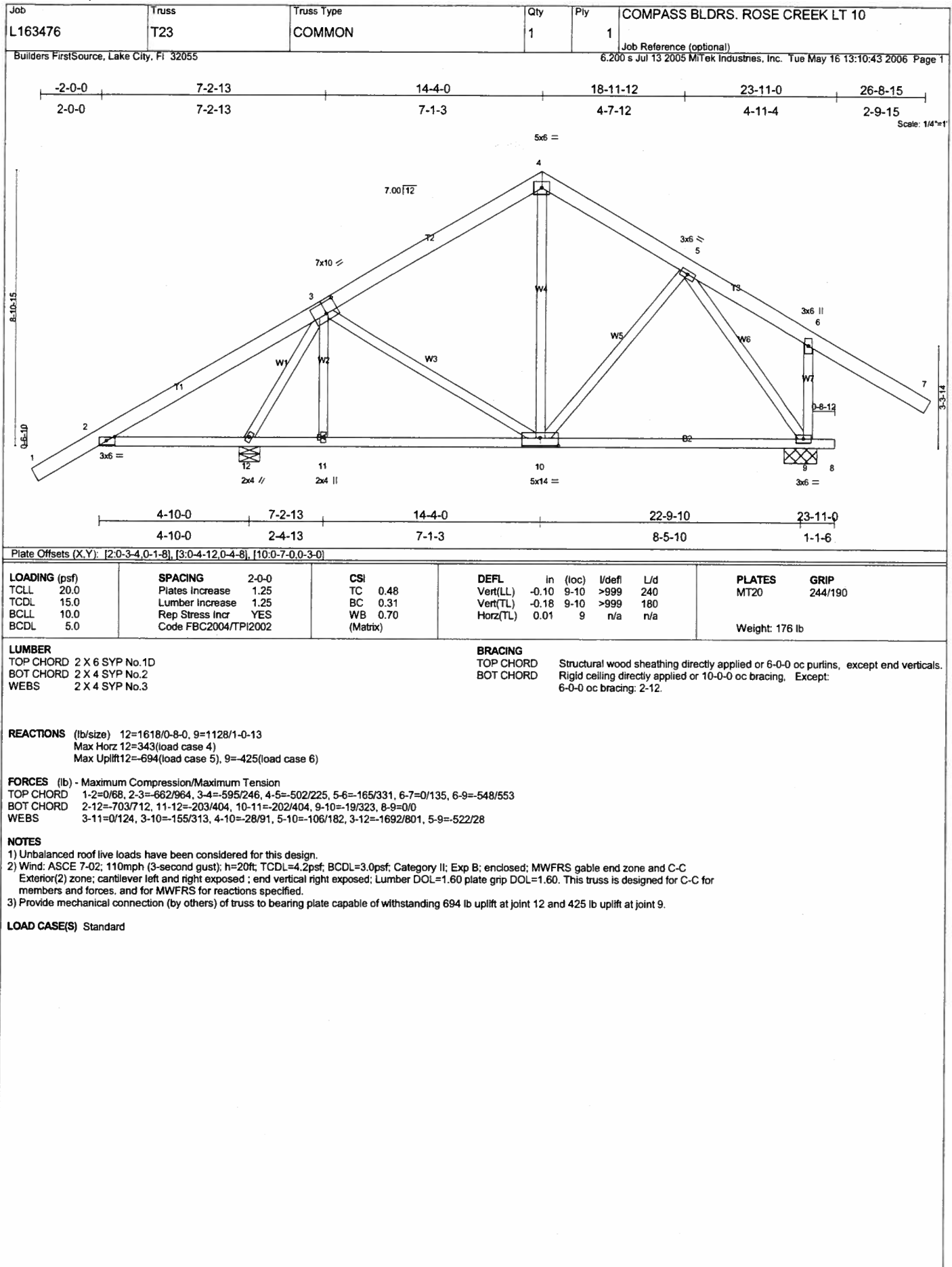


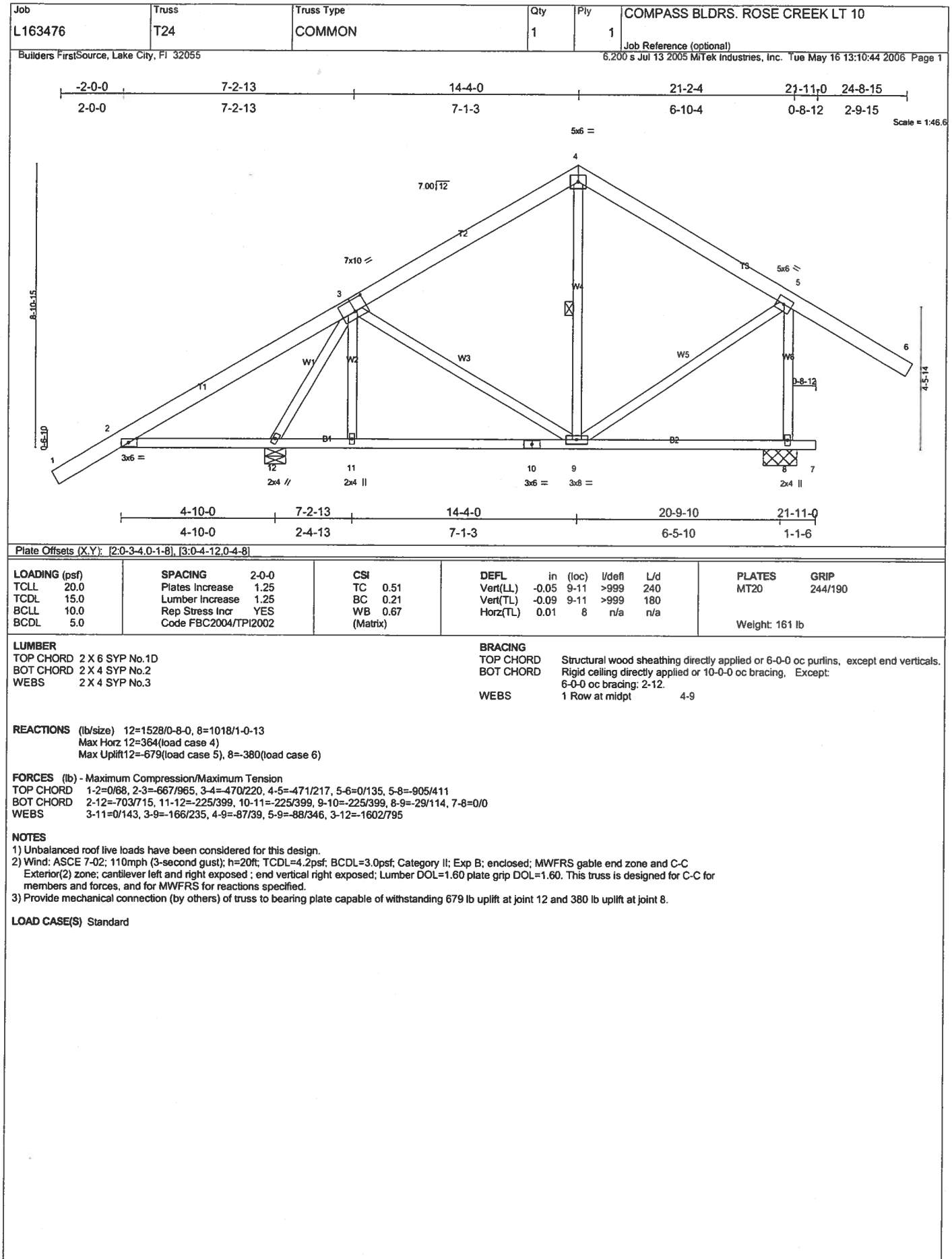


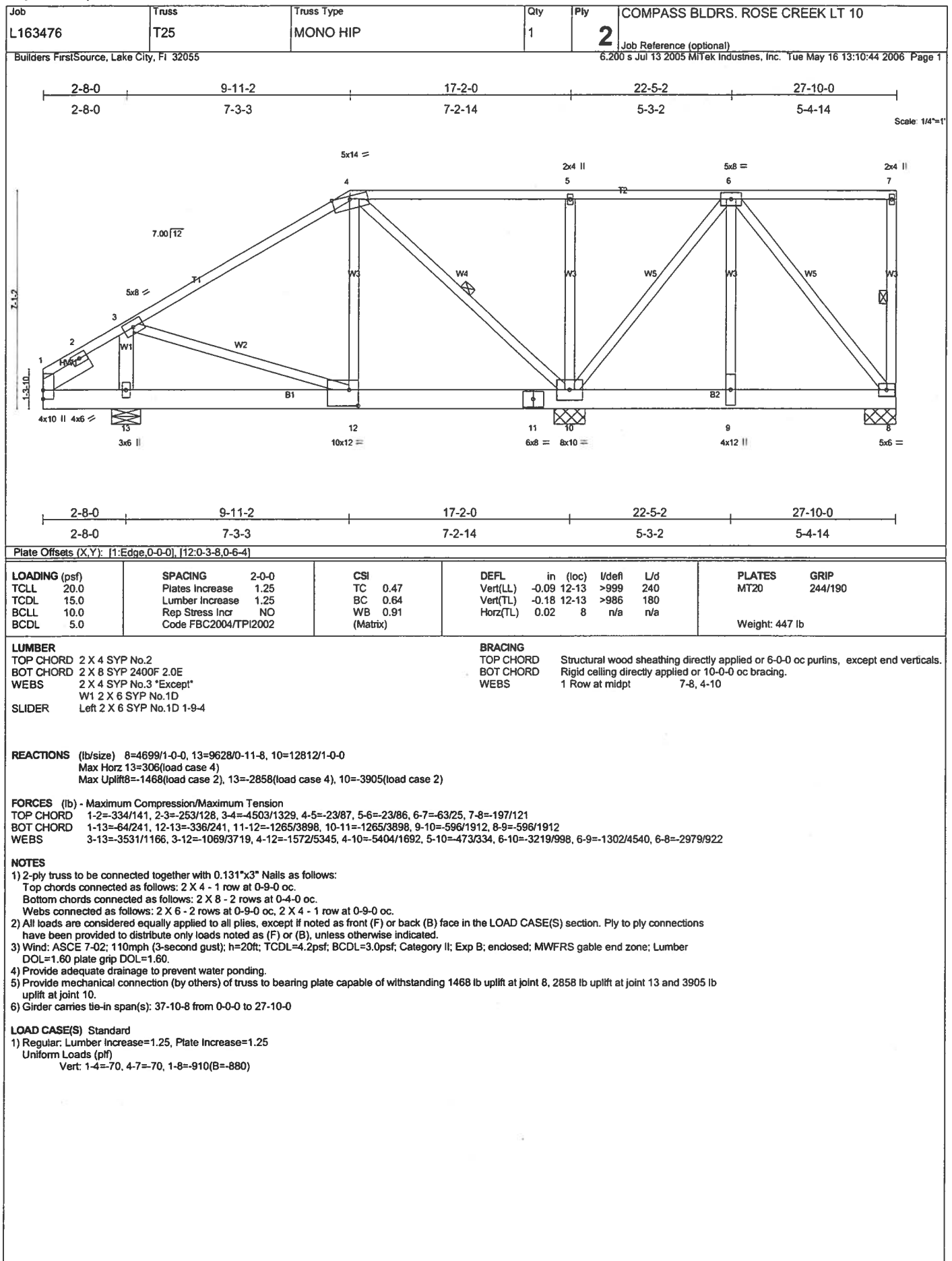












Job L163476	Truss T27	Truss Type SPECIAL	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:10:46 2006 Page 1		

Plate Offsets (X,Y): [3.0-7.0-0.3-0]	
LOADING (psf)	SPACING 2-0-0
TCLL 20.0	Plates Increase 1.25
TCDL 15.0	Lumber Increase 1.25
BCLL 10.0	Rep Stress Incr YES
BCDL 5.0	Code FBC2004/TP12002
CSI	DEFL
TC 0.69	in (loc) l/defl L/d
BC 0.46	Vert(LL) -0.10 9-11 >999 240
WB 0.88	Vert(TL) -0.19 9-11 >999 180
(Matrix)	Horz(TL) 0.05 7 n/a n/a
	PLATES GRIP
	MT20 244/190
	Weight: 176 lb

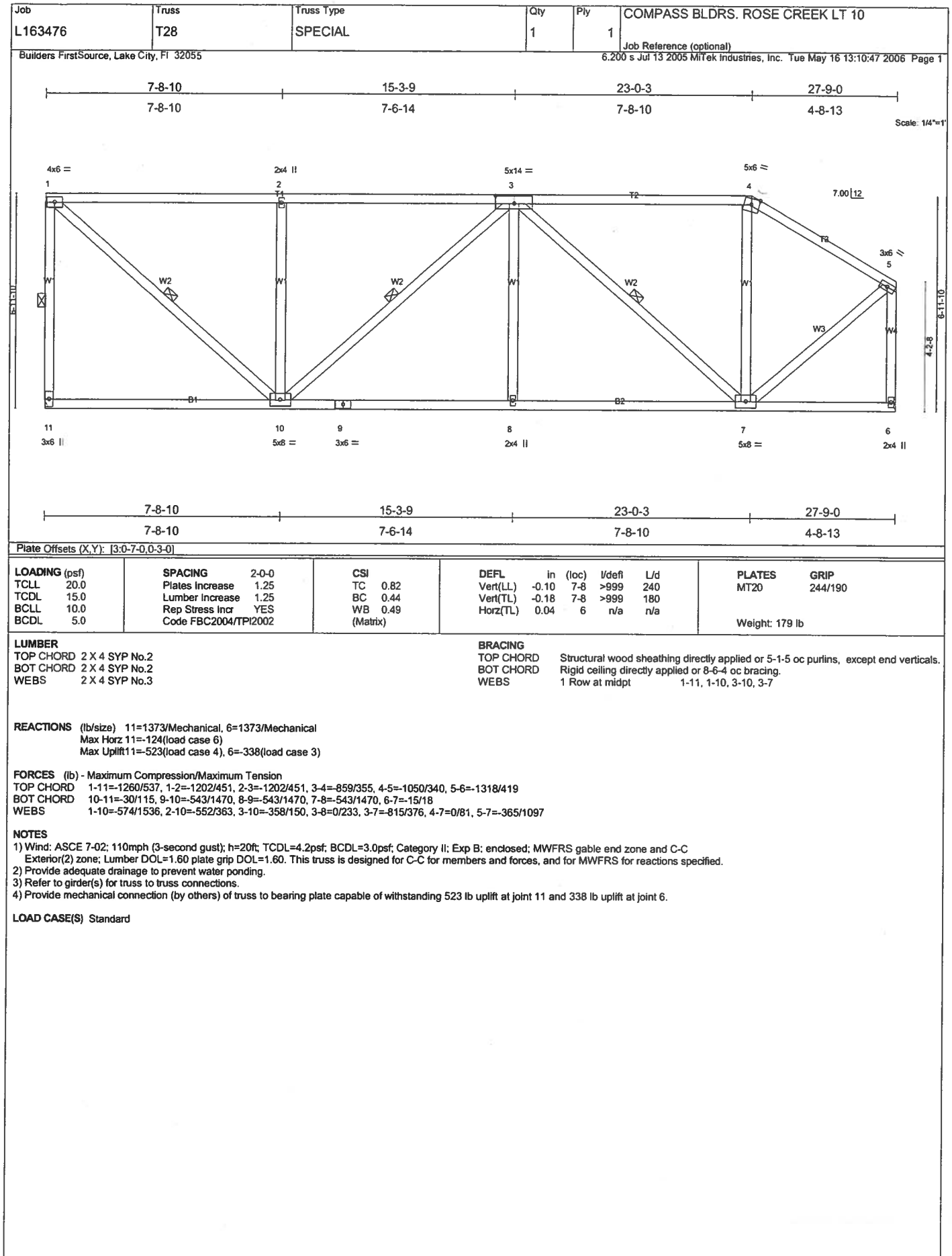
LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-11-9 oc purlins, except end
BOT CHORD 2 X 4 SYP No.2	verticals.
WEBS 2 X 4 SYP No.3	BOT CHORD Rigid ceiling directly applied or 7-6-12 oc bracing.
	WEBS 1 Row at midpt 1-12, 3-11, 3-8

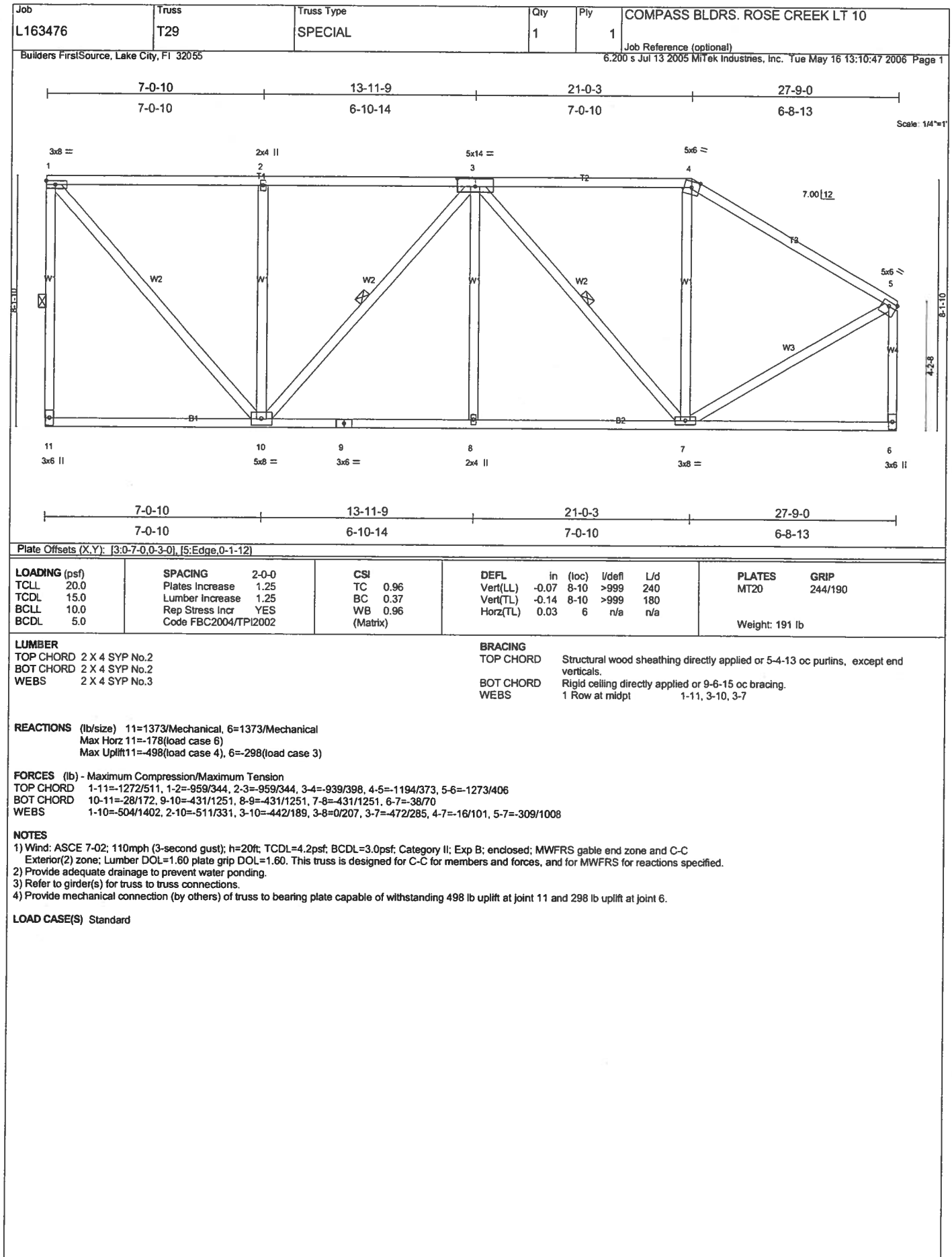
REACTIONS (lb/size) 12=1373/Mechanical, 7=1373/Mechanical
 Max Horz 12=-71(load case 6)
 Max Uplift 12=-539(load case 4), 7=-405(load case 4)

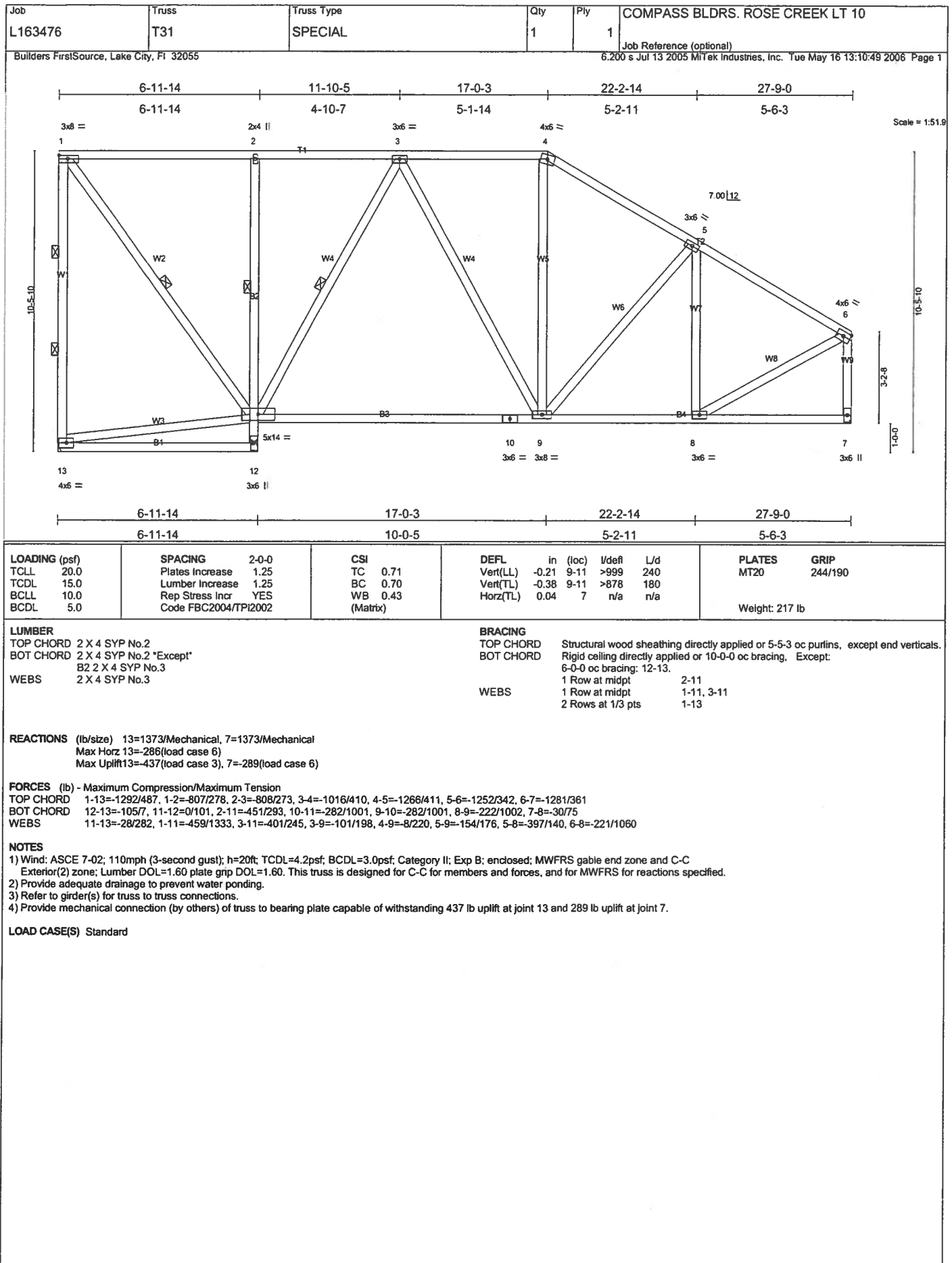
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-12=-1269/552, 1-2=-1359/531, 2-3=-1359/531, 3-4=-1332/497, 4-5=-1332/497, 5-6=-91/45, 6-7=-118/65
 BOT CHORD 11-12=-26/61, 10-11=-696/1781, 9-10=-696/1781, 8-9=-696/1781, 7-8=-208/581
 WEBS 1-11=-653/1673, 2-11=-501/333, 3-11=-540/204, 3-9=0/205, 3-8=-575/248, 4-8=-416/278, 5-8=-487/1239, 5-7=-1280/495

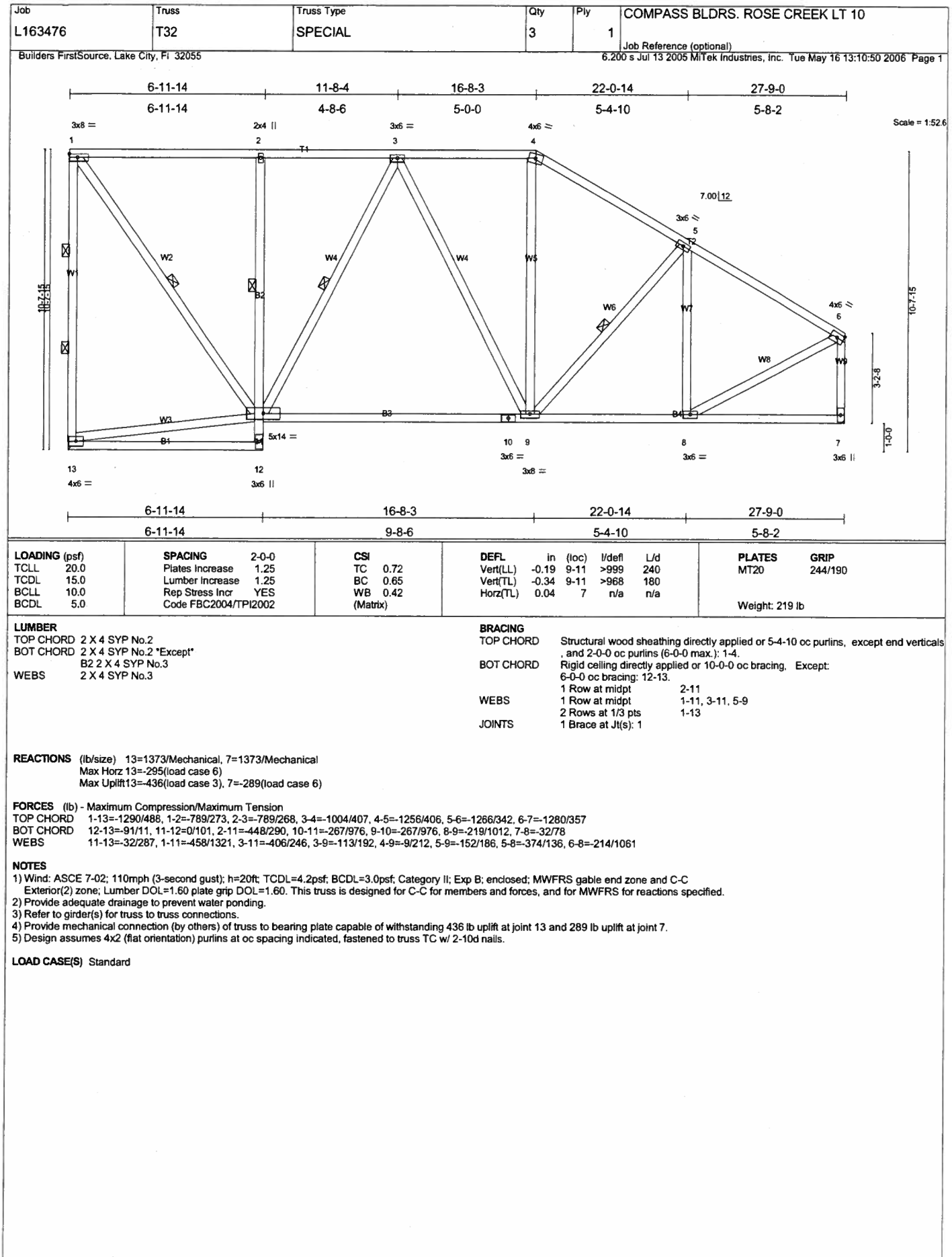
NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) Provide 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 539 lb uplift at joint 12 and 405 lb uplift at joint 7.

LOAD CASE(S) Standard









Job	Truss	Truss Type	Qty	Ply	COMPASS BLDRS. ROSE CREEK LT 10
L163476	T33	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:10:50 2006 Page 1

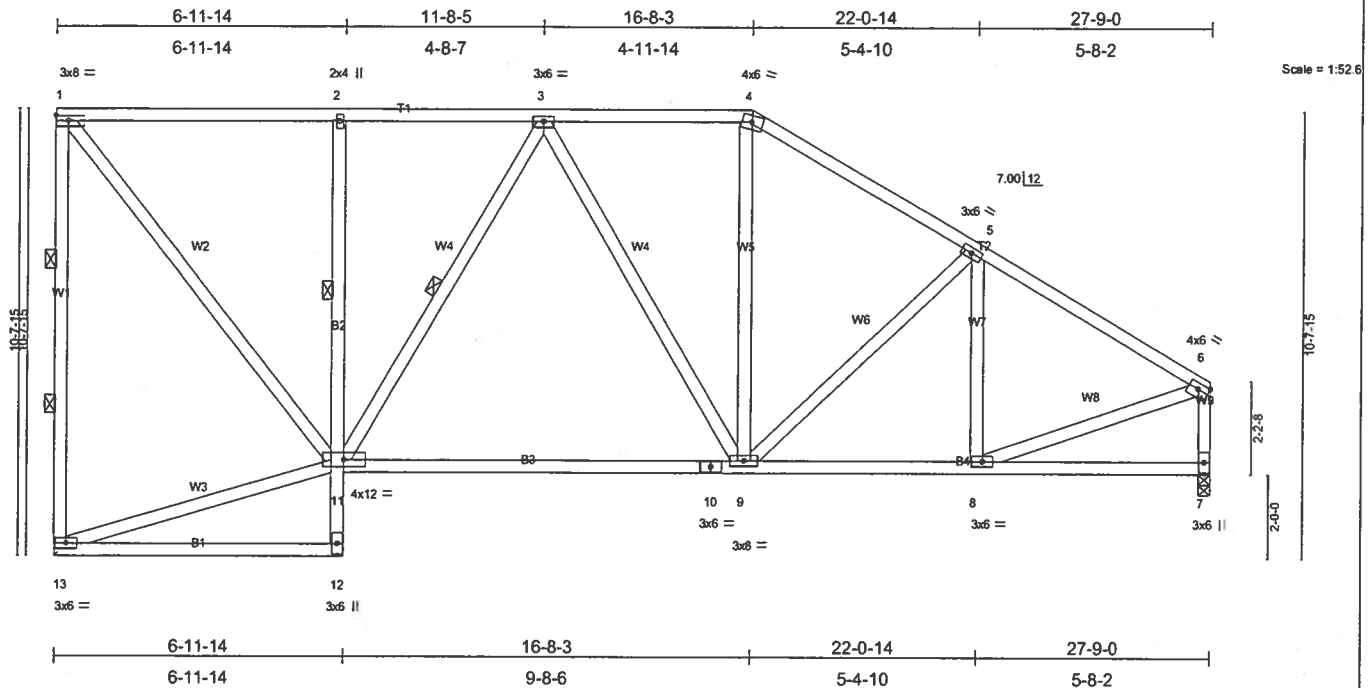


Plate Offsets (X,Y): [6:Edge,0-1-12]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.72	Vert(LL)	-0.20	9-11	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase	1.25	BC 0.57	Vert(TL)	-0.36	9-11	>903	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.86	Horz(TL)	0.06	7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 209 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 4-11-11 oc purlins, except end verticals, and 2-0-0 oc purlins (5-9-11 max.); 1-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 6-0-0 oc bracing: 12-13.
WEBS	1 Row at midpt 2-11 1 Row at midpt 3-11
JOINTS	2 Rows at 1/3 pts 1-13 1 Brace at Jt(s): 1

REACTIONS

(lb/size) 13=1373/Mechanical, 7=1373/0-3-7
Max Horz 13=-295(load case 6)
Max Uplift 13=-436(load case 3), 7=-289(load case 6)

FORCES

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-13=1287/449, 1-2=878/274, 2-3=882/267, 3-4=1125/422, 4-5=1393/424, 5-6=1490/391, 6-7=1276/358
BOT CHORD 12-13=38/4, 11-12=0/97, 2-11=449/291, 10-11=299/1092, 9-10=299/1092, 8-9=261/1204, 7-8=52/132
WEBS 11-13=357/302, 1-12=281/1371, 3-11=418/252, 3-9=116/198, 4-9=222/279, 5-9=147/206, 5-8=260/109, 6-8=223/1138

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDF=4.2psf; BCDF=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) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 436 lb uplift at joint 13 and 289 lb uplift at joint 7.
- 5) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

**MAY 19, 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 L163476	Truss T35	Truss Type MONO HIP	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mittek Industries, Inc. Tue May 16 13:10:52 2006 Page 1		

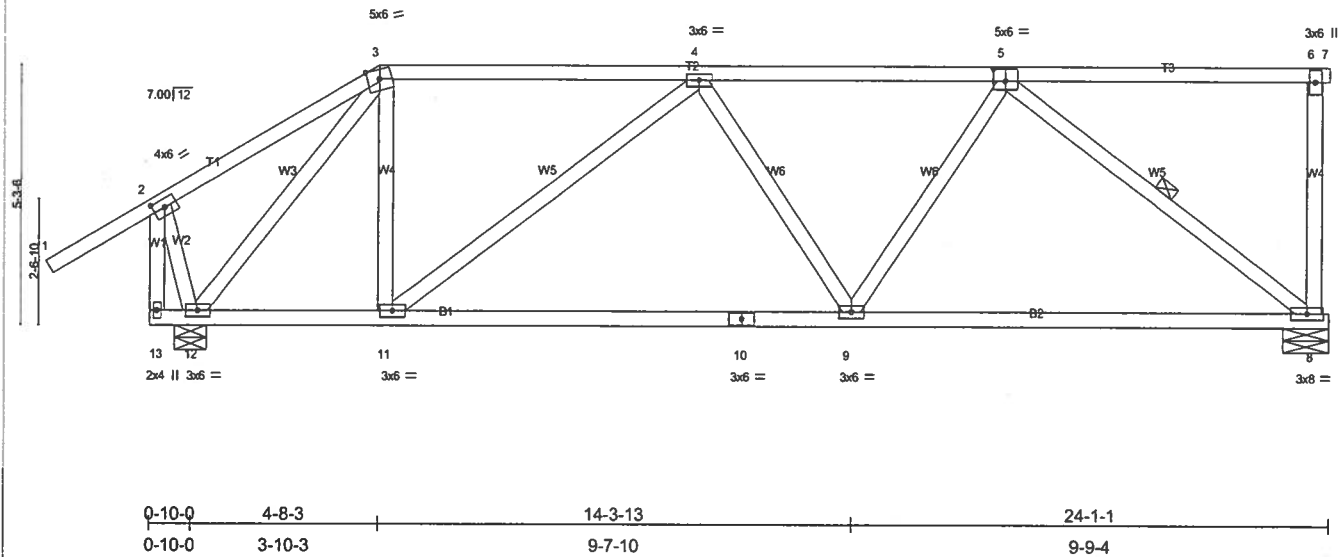
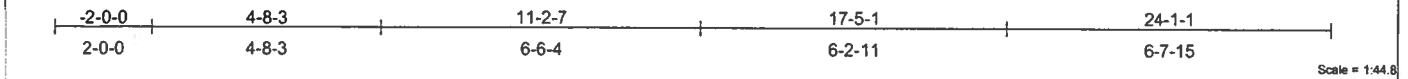


Plate Offsets (X,Y): [2-0-2-14,0-2-0], [5-0-3-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.64	Vert(LL)	-0.15 9-11	>999	240	MT20	244/190
TCDL 15.0	Lumber Increase 1.25	BC 0.55	Vert(TL)	-0.28 9-11	>971	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.96	Horz(TL)	0.04 8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
							Weight: 146 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 5-4-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 5-8

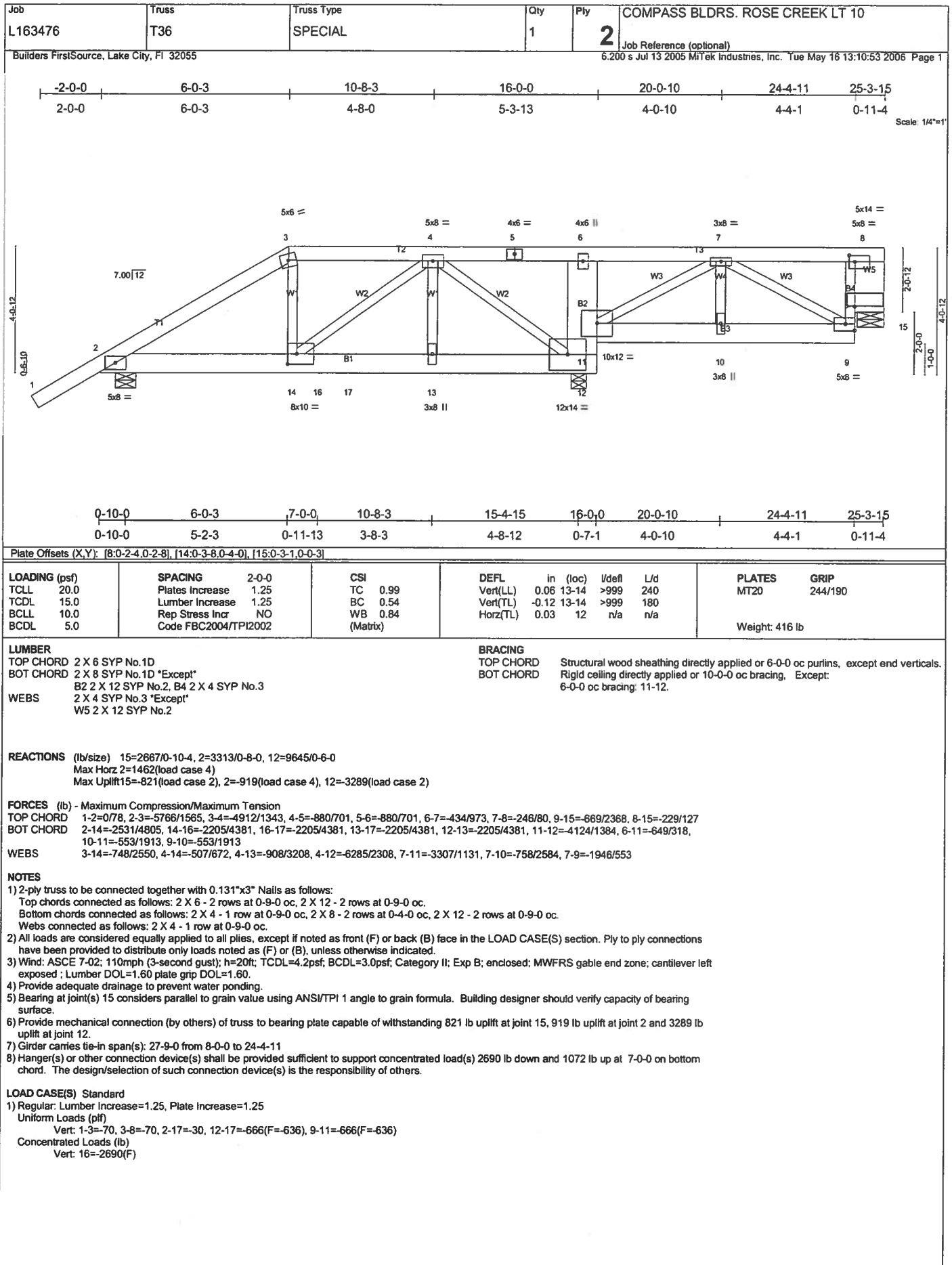
REACTIONS (lb/size) 8=1141/0-11-5, 12=1388/0-8-0
 Max Horz 12=246(load case 4)
 Max Uplift 8=423(load case 3), 12=394(load case 5)

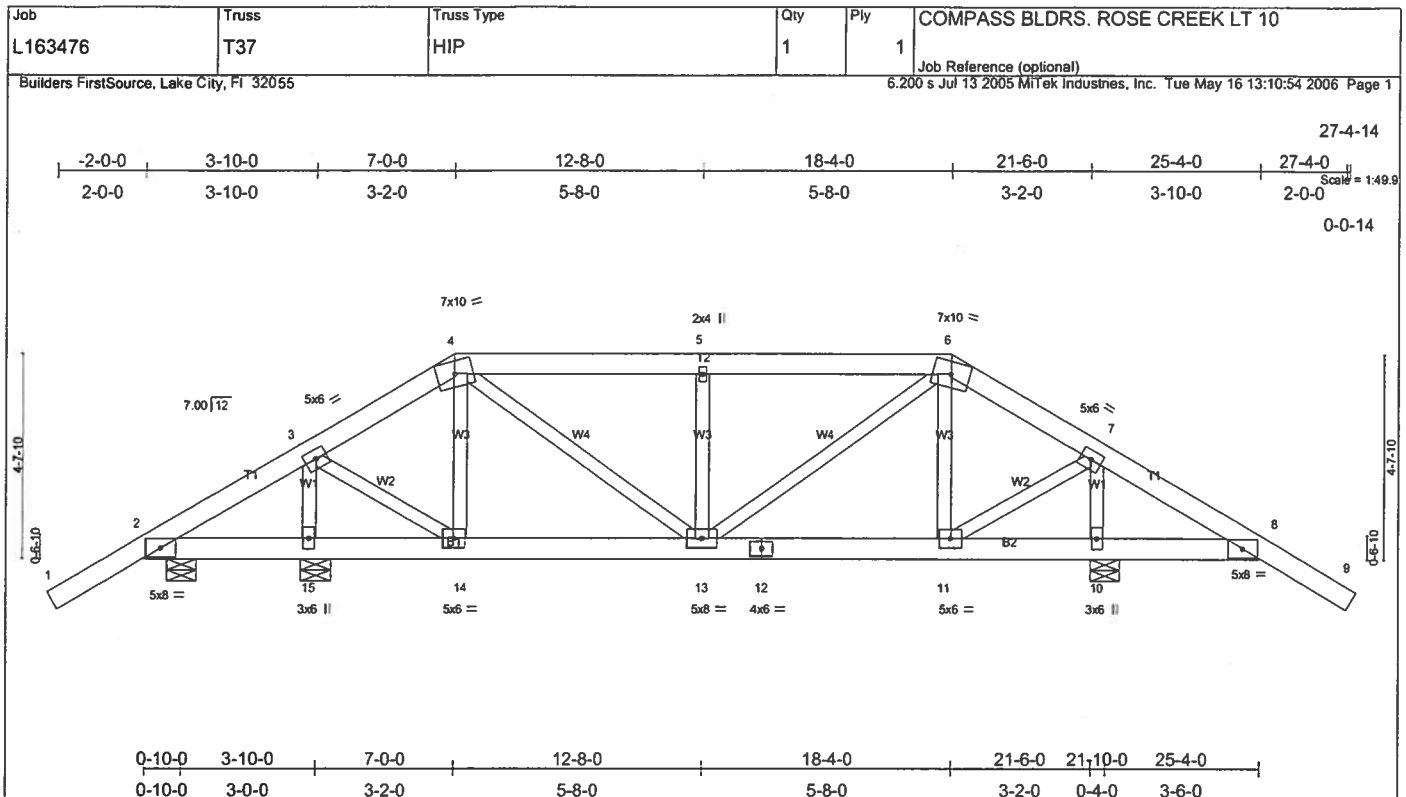
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/78, 2-3=-47/195, 3-4=-765/341, 4-5=-1280/488, 5-6=-67/111, 6-7=0/0, 6-8=-221/145, 2-13=-50/103
 BOT CHORD 12-13=-31/104, 11-12=-361/746, 10-11=-532/1301, 9-10=-532/1301, 8-9=-437/1071
 WEBS 3-11=-183/647, 4-11=-681/380, 4-9=-39/130, 5-9=-50/396, 5-8=-1275/495, 3-12=-1380/415, 2-12=-205/192

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; cantilever left exposed; end vertical 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 adequate drainage to prevent water ponding.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint 8 and 394 lb uplift at joint 12.

LOAD CASE(S) Standard





LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.62	in (loc) l/defl L/d	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.27	Vert(LL) 0.04 13 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.88	Vert(TL) -0.09 13-14 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 10 n/a n/a		
	Code FBC2004/TPI2002			Weight: 187 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.1D
 BOT CHORD 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-9-5 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=262/0-8-0, 15=2111/0-8-0, 10=3006/0-8-0

Max Horz 2=151(load case 2)
 Max Uplift 2=234(load case 4), 15=951(load case 3), 10=1411(load case 5)
 Max Grav 2=281(load case 8), 15=2115(load case 8), 10=3006(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/74, 2-3=-135/204, 3-4=-1629/702, 4-5=-1981/931, 5-6=-1981/931, 6-7=-1185/501, 7-8=-989/1600, 8-9=-106/226
 BOT CHORD 2-15=-154/190, 14-15=-154/190, 13-14=-630/1370, 12-13=-385/1012, 11-12=-385/1012, 10-11=-1364/1000, 8-10=-1364/1000
 WEBS 3-15=-1972/870, 3-14=-784/1758, 4-14=-180/207, 4-13=-390/757, 5-13=-815/652, 6-13=-638/1238, 6-11=-714/467, 7-11=-1284/2740, 7-10=-2934/1404

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; cantilever left and right exposed; porch left exposed; 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 234 lb uplift at joint 2, 951 lb uplift at joint 15 and 1411 lb uplift at joint 10.
- Girder carries hip end with 7-0-0 right side setback, 7-0-0 left side setback, and 6-6-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 316 lb down and 219 lb up at 27-4-14 on top chord, and 583 lb down and 284 lb up at 18-4-0, and 583 lb down and 284 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

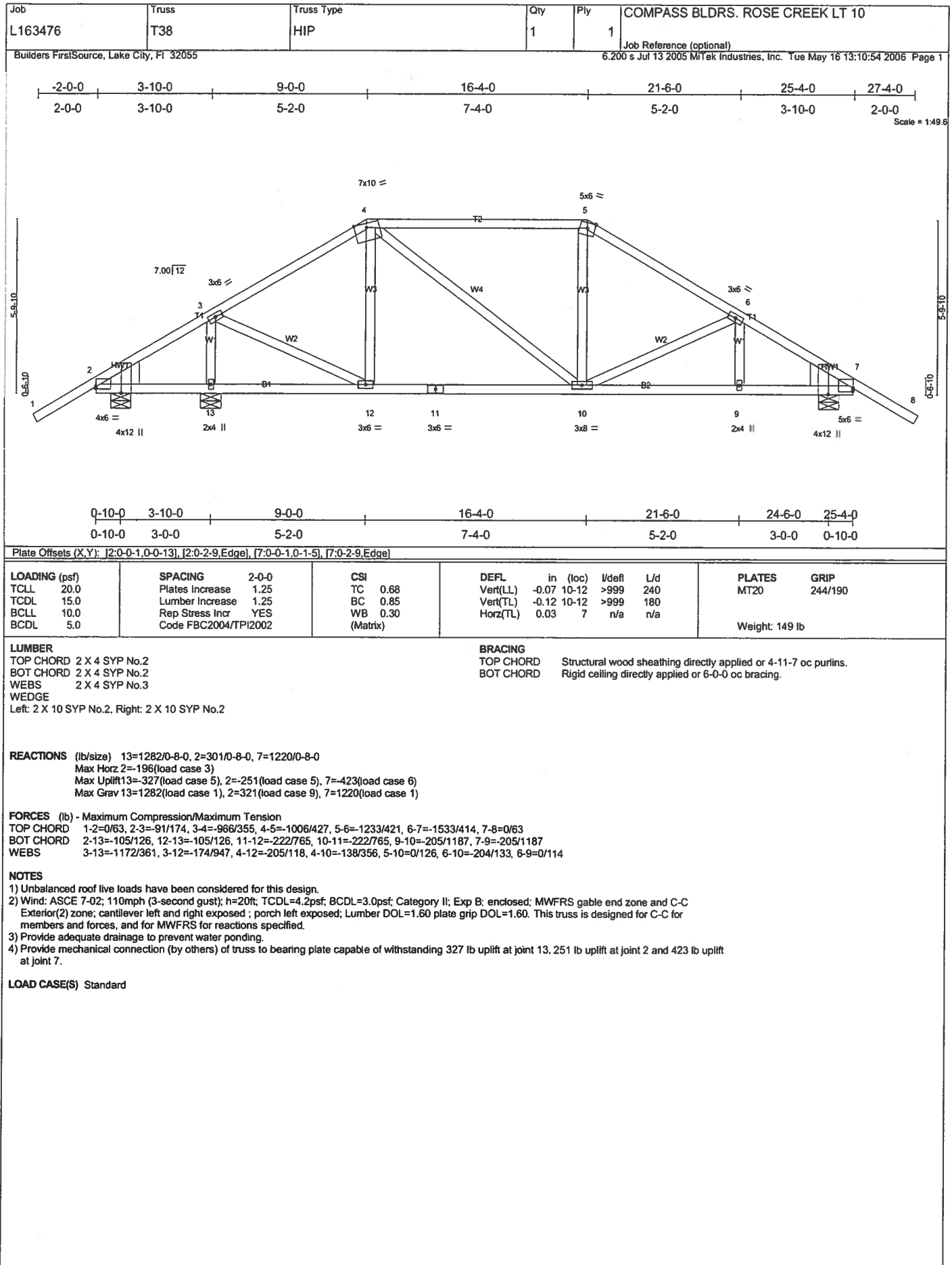
1) Regular: Lumber Increase=1.25, Plate Increase=1.25

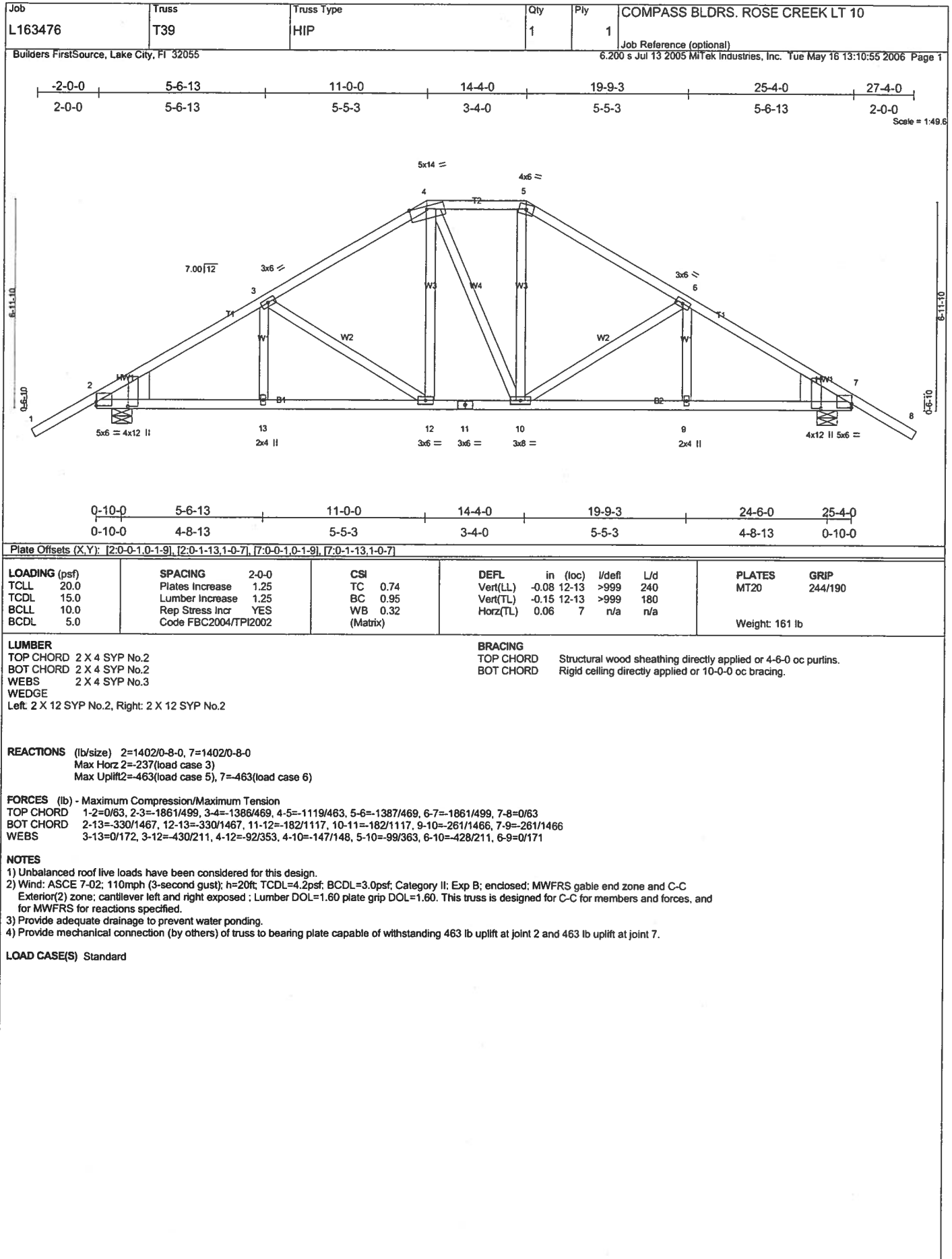
Uniform Loads (plf)

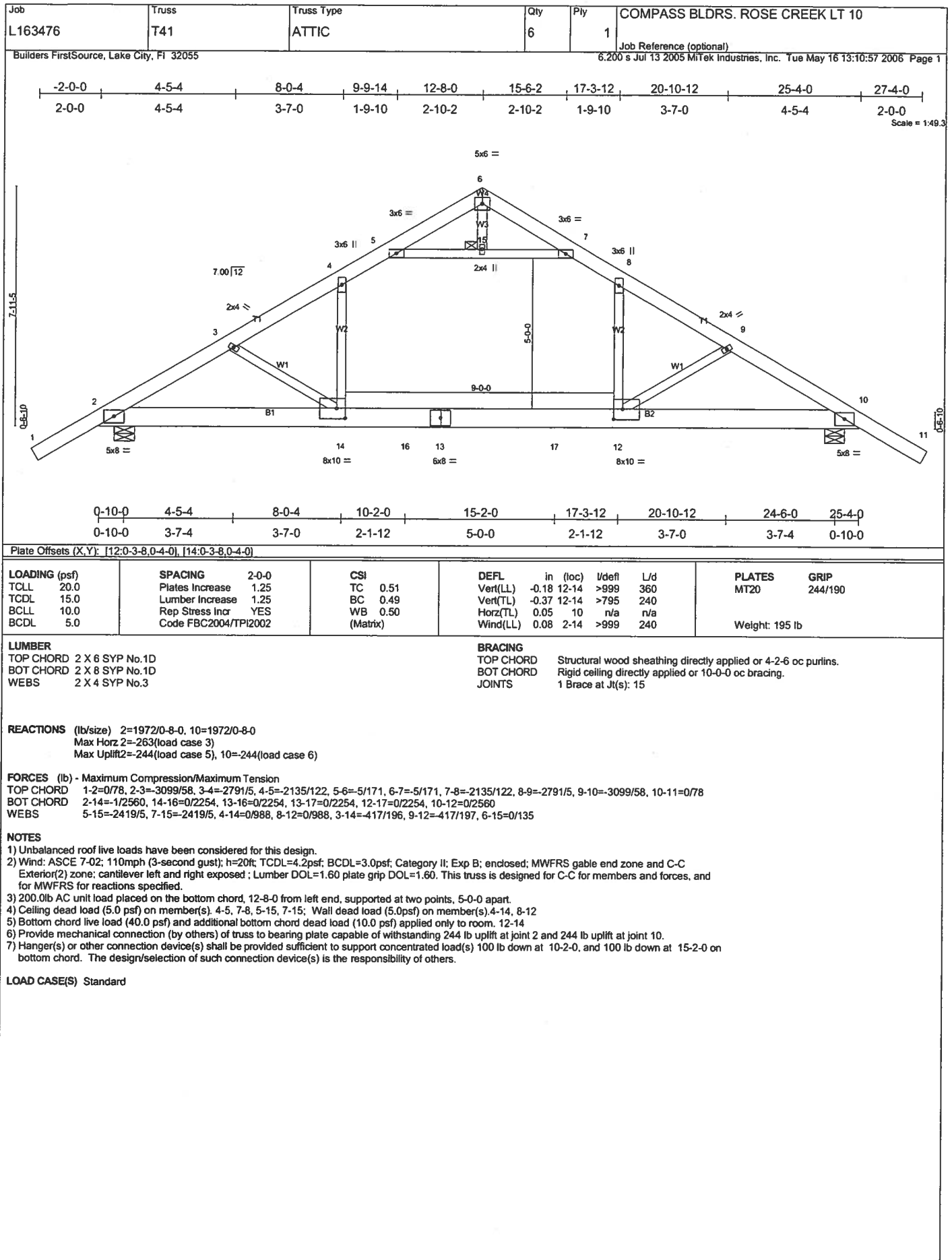
Vert: 1-4=-70, 4-6=-137(B=-67), 6-9=-70, 2-14=-30, 11-14=-59(B=-29), 8-11=-30

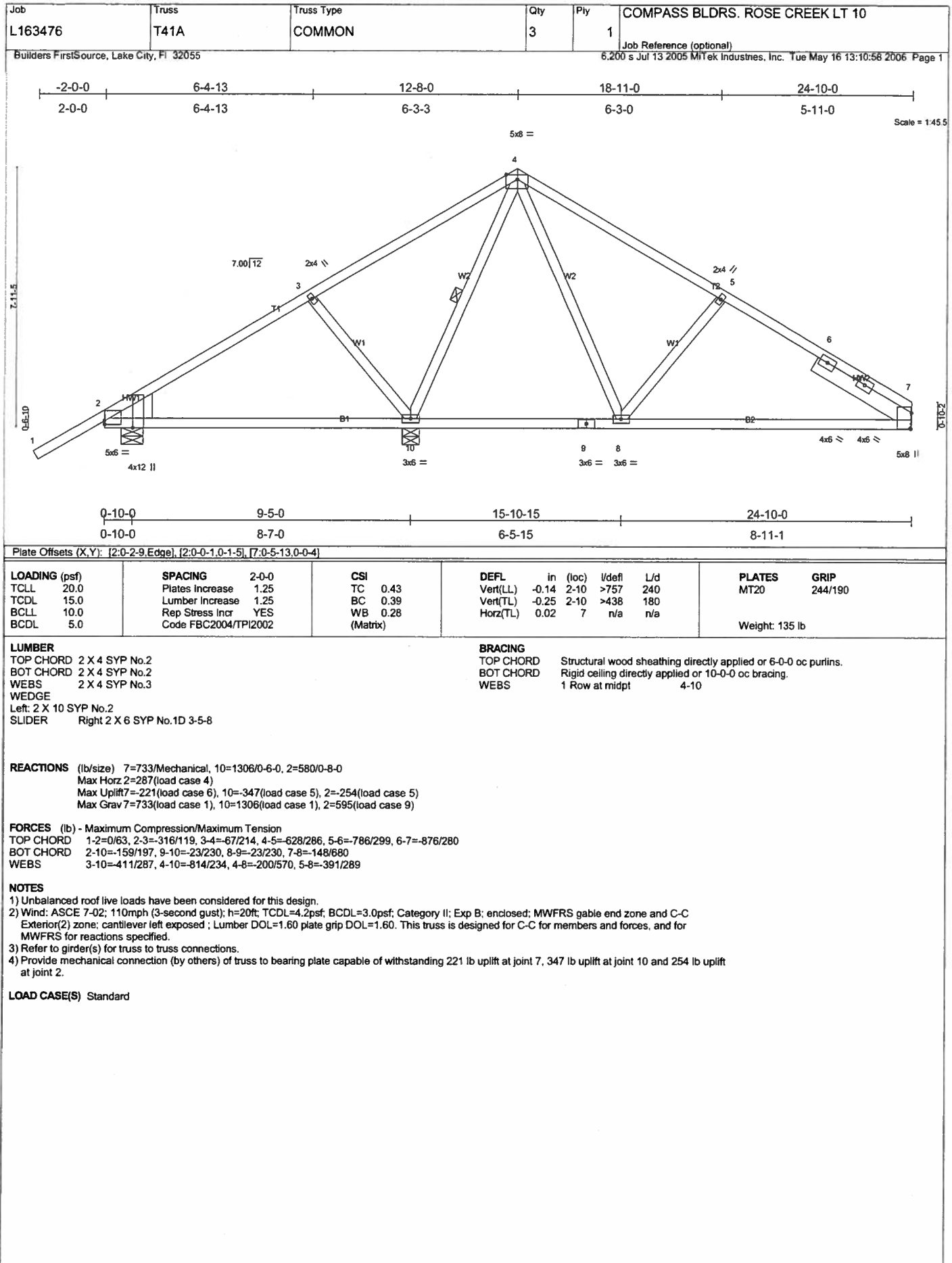
Concentrated Loads (lb)

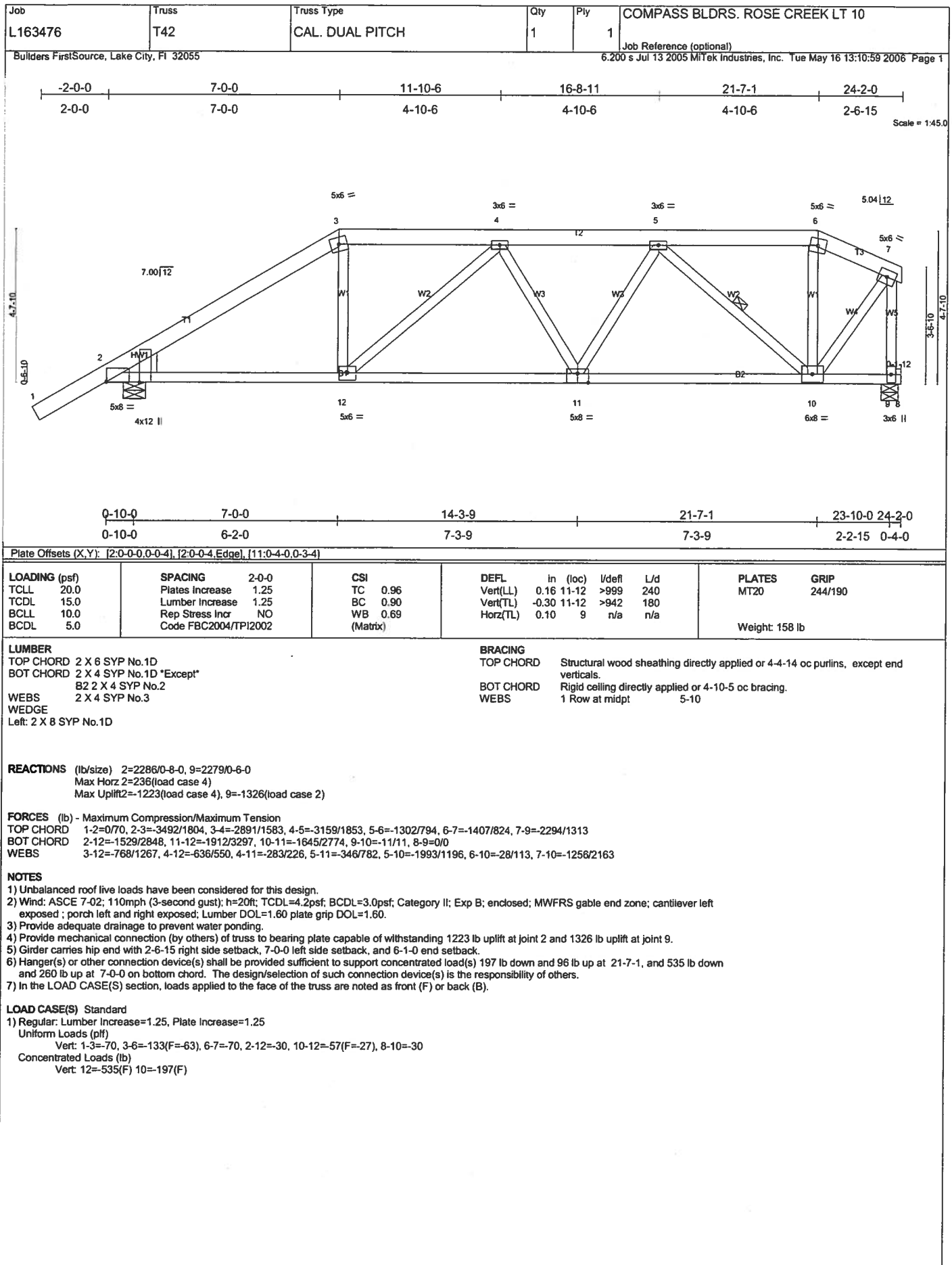
Vert: 9=-316(F) 14=-583(B) 11=-583(B)

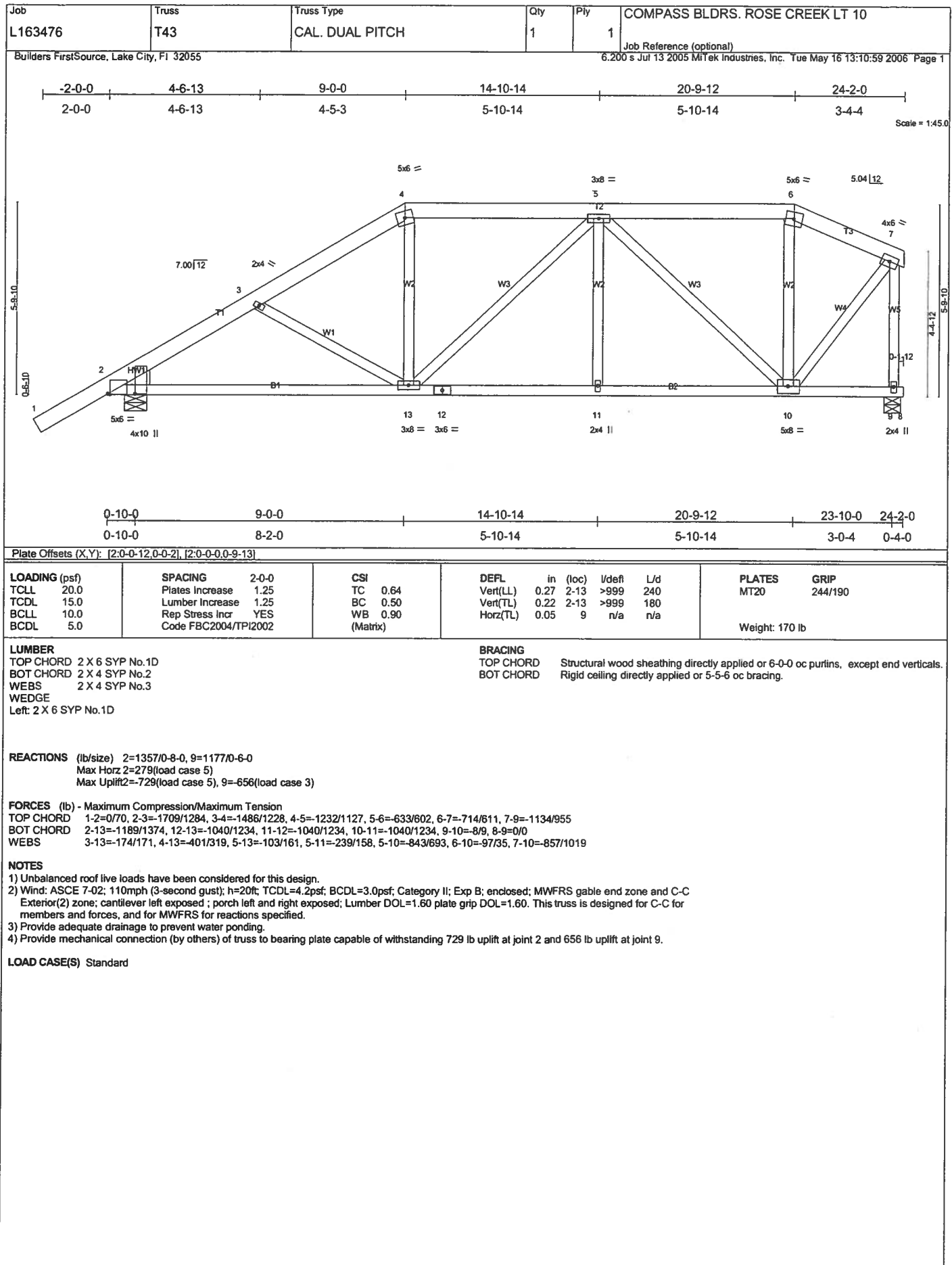


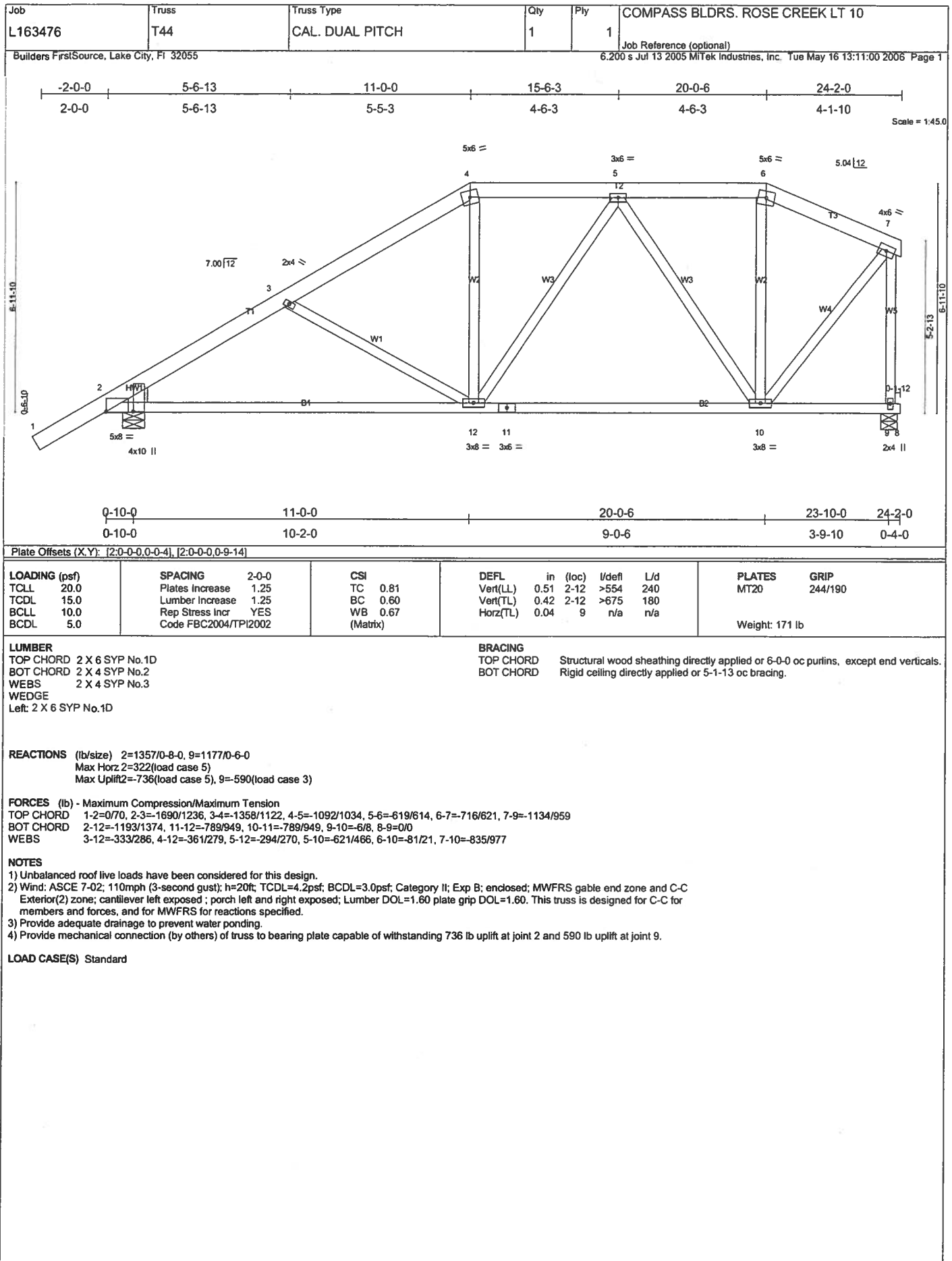


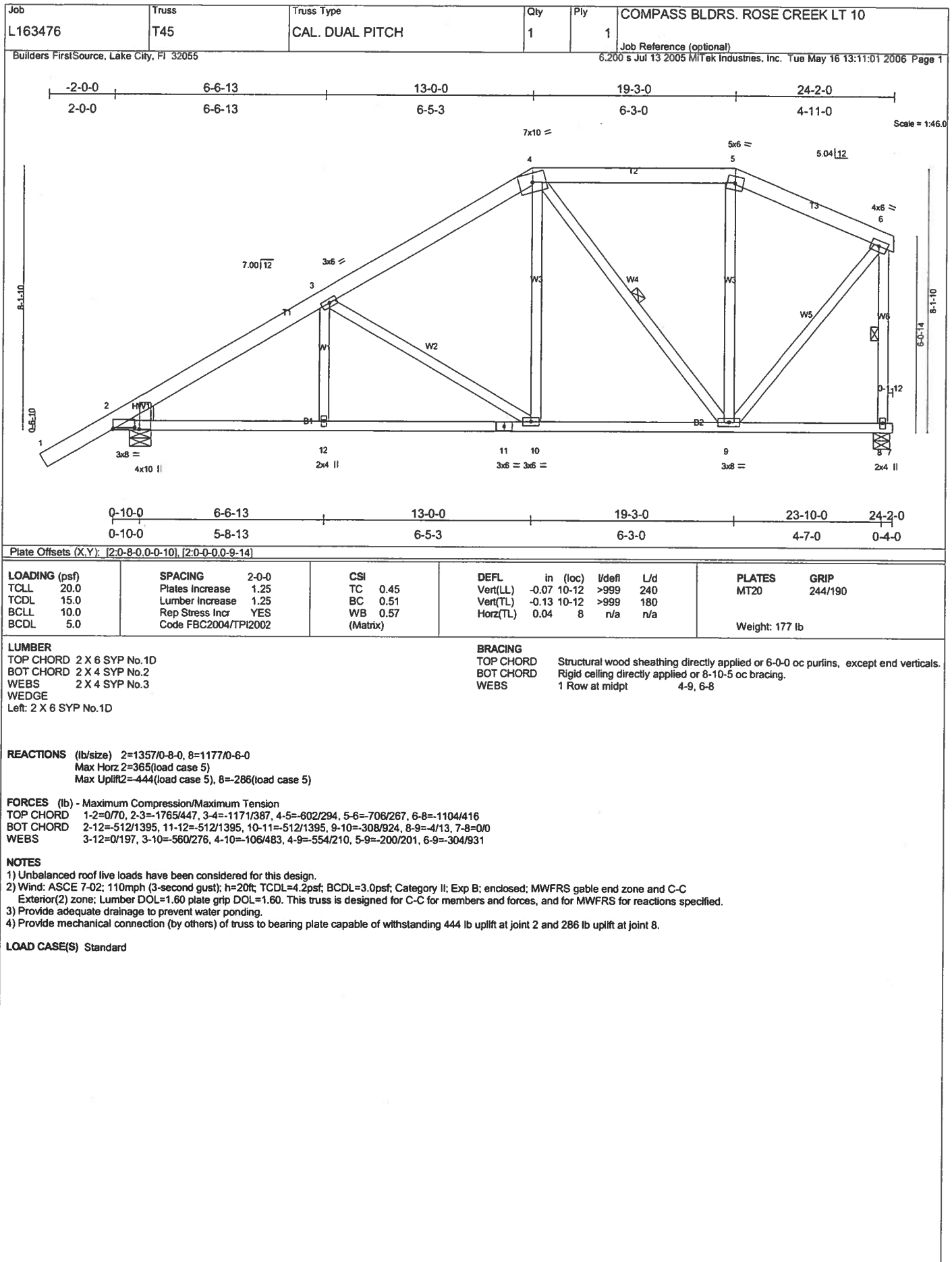


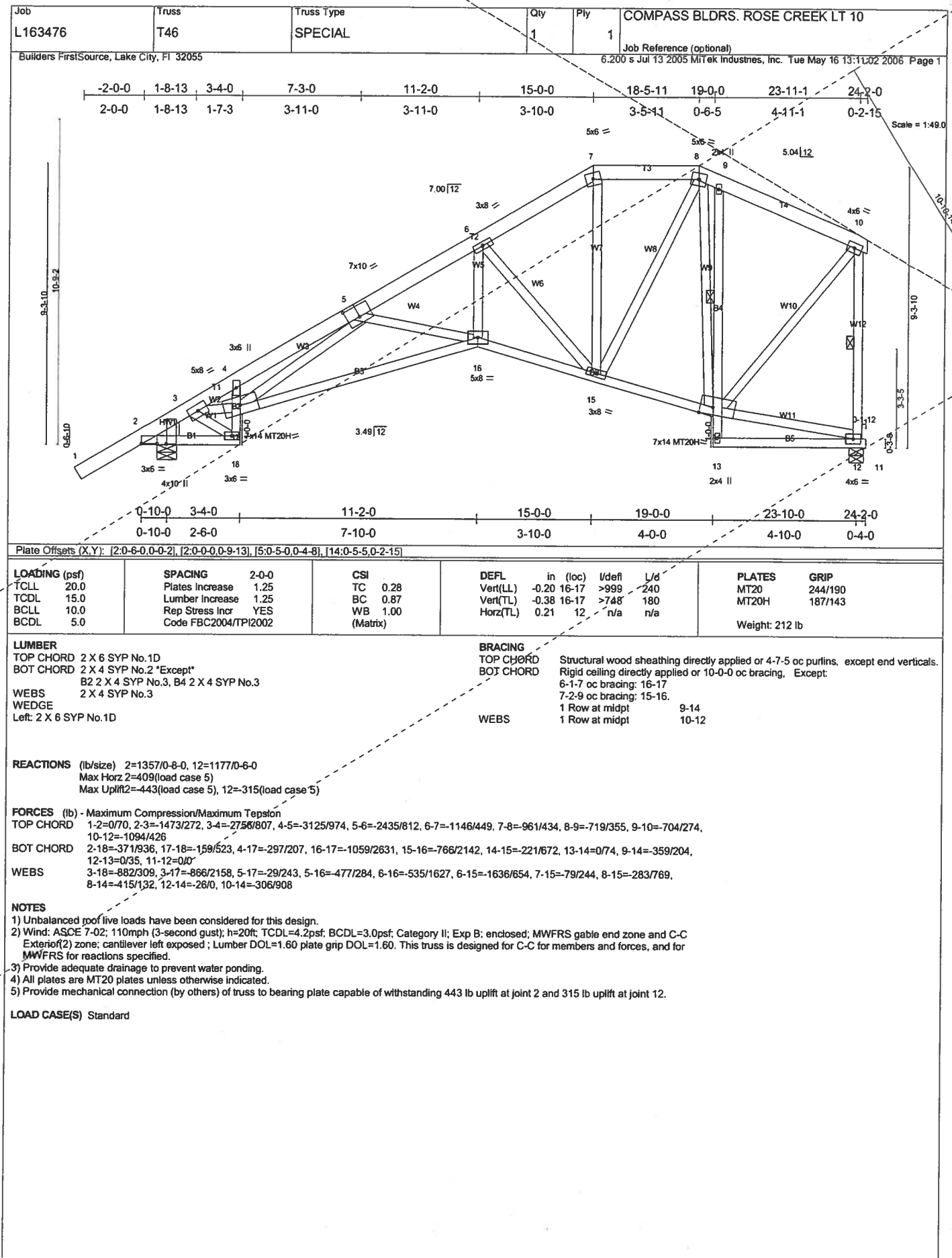


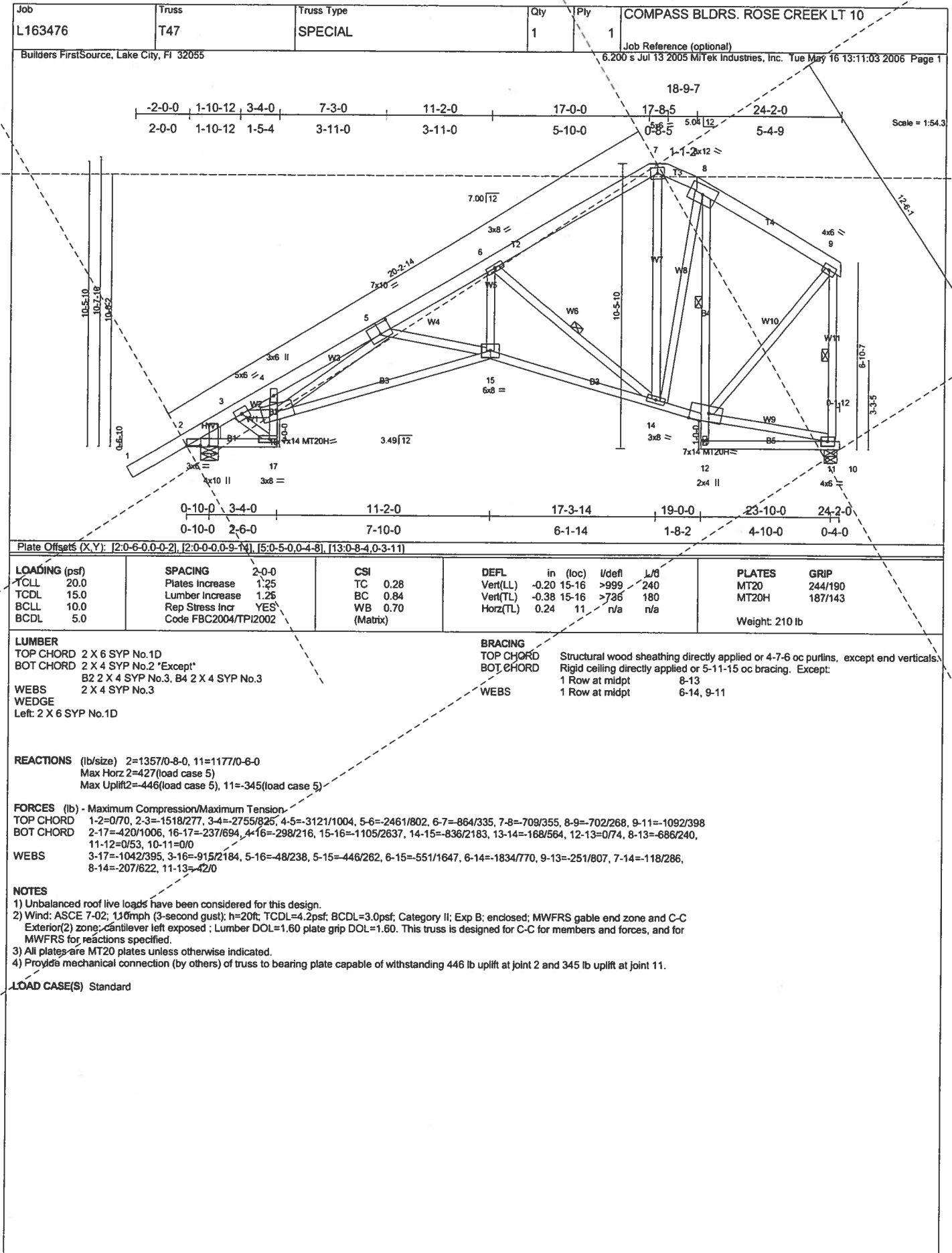


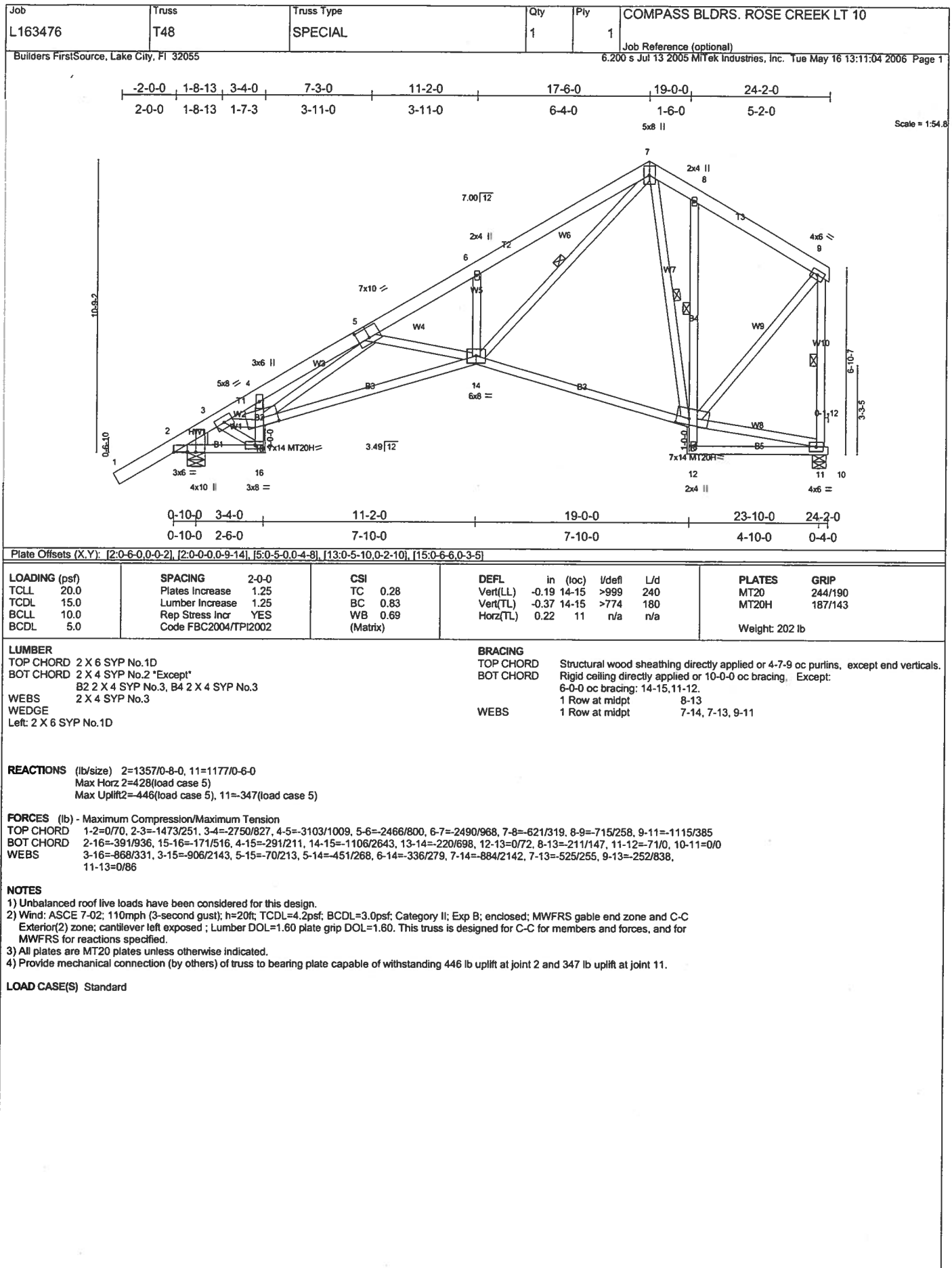


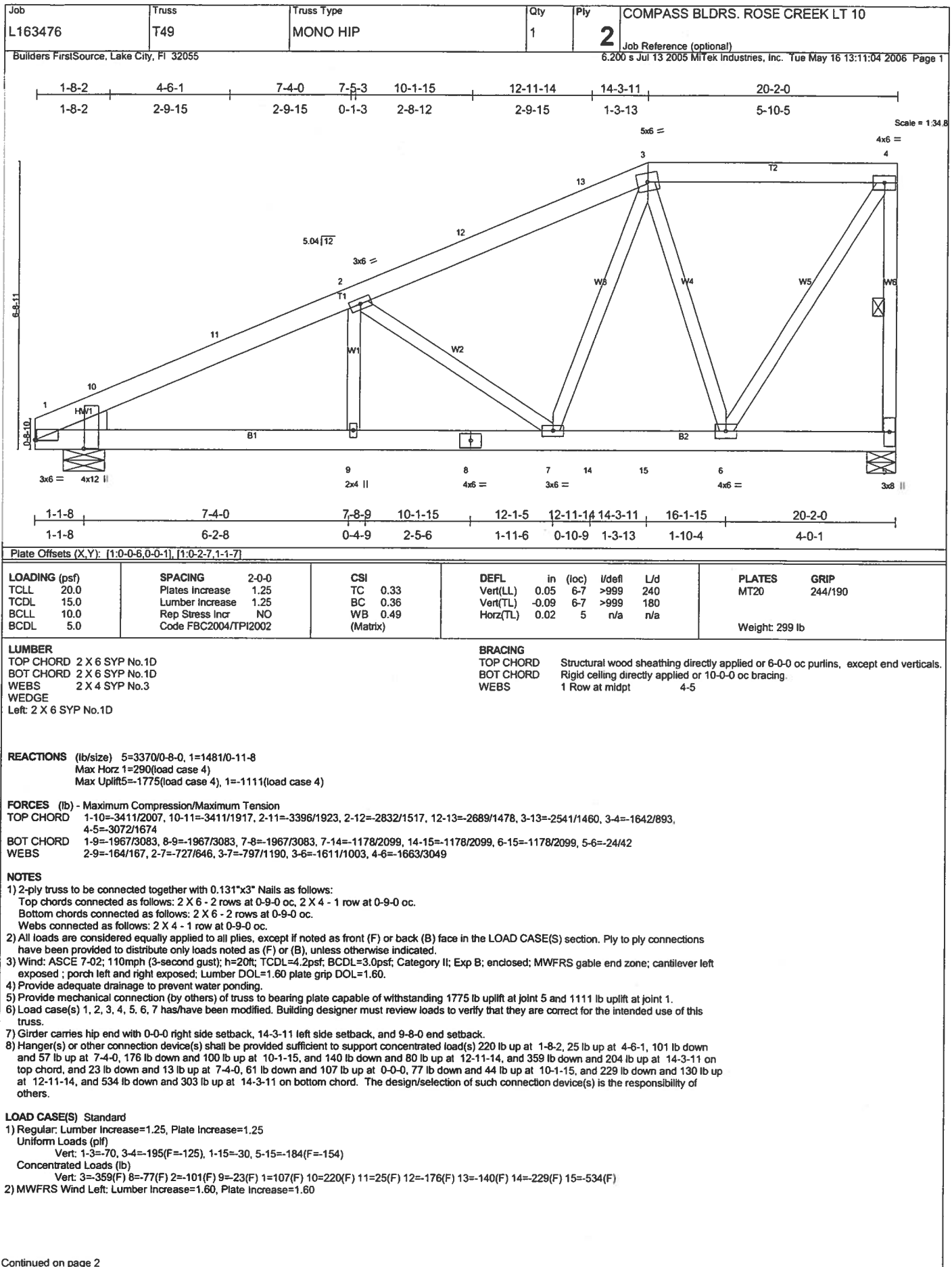












Continued on page 2

Job L163476	Truss T49	Truss Type MONO HIP	Qty 1	Ply 2	COMPASS BLDRS. ROSE CREEK LT 10 Job Reference (optional)
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LOAD CASE(S) Standard

Uniform Loads (plf)
Vert: 1-3=24, 3-4=120(F=82), 1-15=19, 5-15=65(F=46)
Horz: 1-3=-32
Drag: 3-4=-0(F=0)

Concentrated Loads (lb)
Vert: 3=204(F) 8=44(F) 2=57(F) 9=13(F) 1=-61(F) 10=220(F) 11=25(F) 12=100(F) 13=80(F) 14=130(F) 15=303(F)

3) MWFRS Wind Right: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)
Vert: 1-3=22, 3-4=120(F=82), 1-15=19, 5-15=65(F=46)
Horz: 1-3=-30
Drag: 3-4=-0(F=0)

Concentrated Loads (lb)
Vert: 3=204(F) 8=44(F) 2=57(F) 9=13(F) 1=-61(F) 10=220(F) 11=25(F) 12=100(F) 13=80(F) 14=130(F) 15=303(F)

4) MWFRS 1st Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)
Vert: 1-3=38, 3-4=106(F=82), 1-15=19, 5-15=65(F=46)
Horz: 1-3=-46
Drag: 3-4=-0(F=0)

Concentrated Loads (lb)
Vert: 3=204(F) 8=44(F) 2=57(F) 9=13(F) 1=-61(F) 10=220(F) 11=25(F) 12=100(F) 13=80(F) 14=130(F) 15=303(F)

5) MWFRS 2nd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

Uniform Loads (plf)
Vert: 1-3=24, 3-4=106(F=82), 1-15=19, 5-15=51(F=32)
Horz: 1-3=-32
Drag: 3-4=-0(F=0)

Concentrated Loads (lb)
Vert: 3=154(F) 8=33(F) 2=43(F) 9=10(F) 1=-46(F) 10=220(F) 11=25(F) 12=75(F) 13=60(F) 14=98(F) 15=228(F)

6) MWFRS 3rd Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

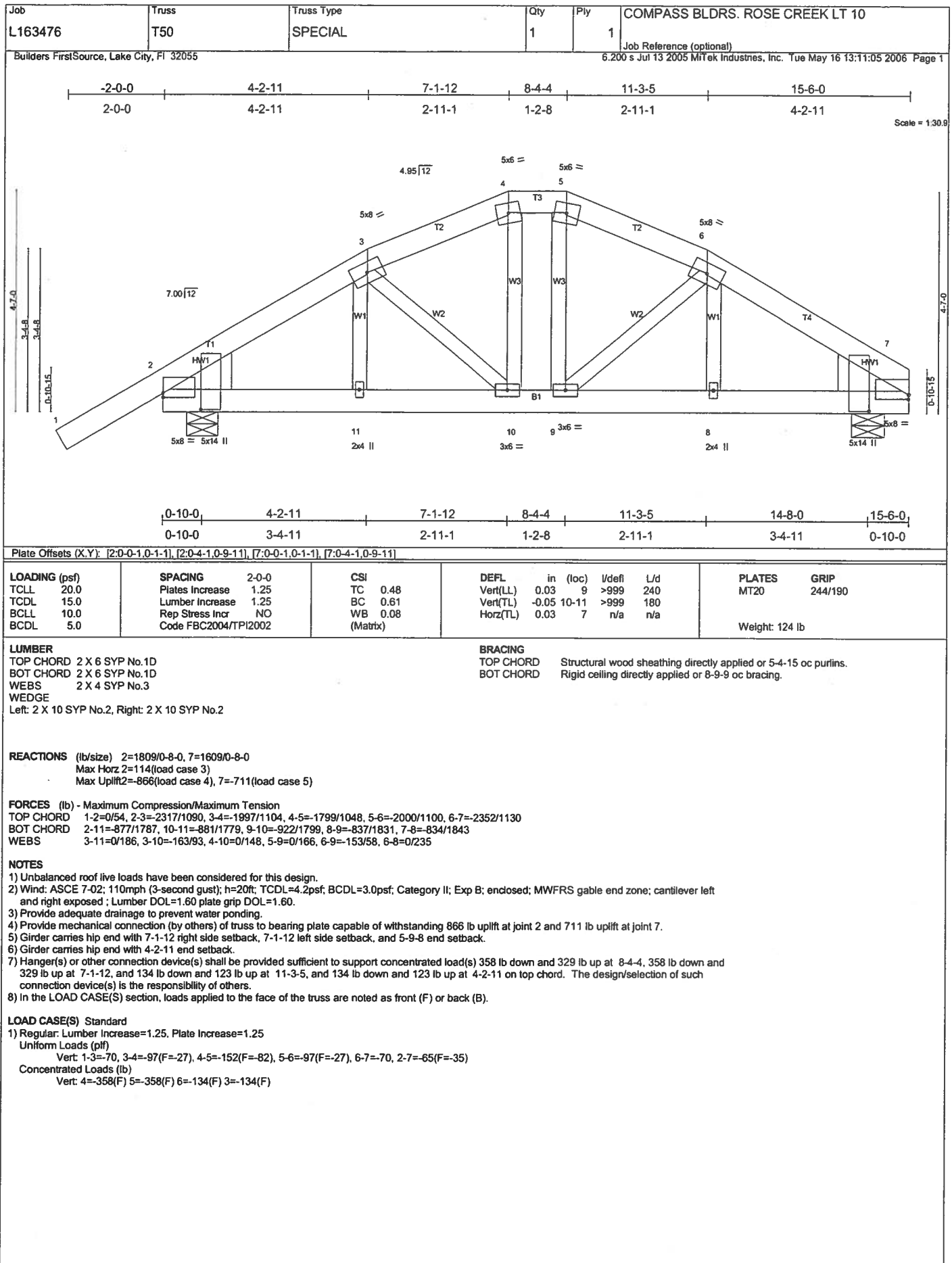
Uniform Loads (plf)
Vert: 1-3=18, 3-4=94(F=82), 1-15=19, 5-15=45(F=26)
Horz: 1-3=-26
Drag: 3-4=-0(F=0)

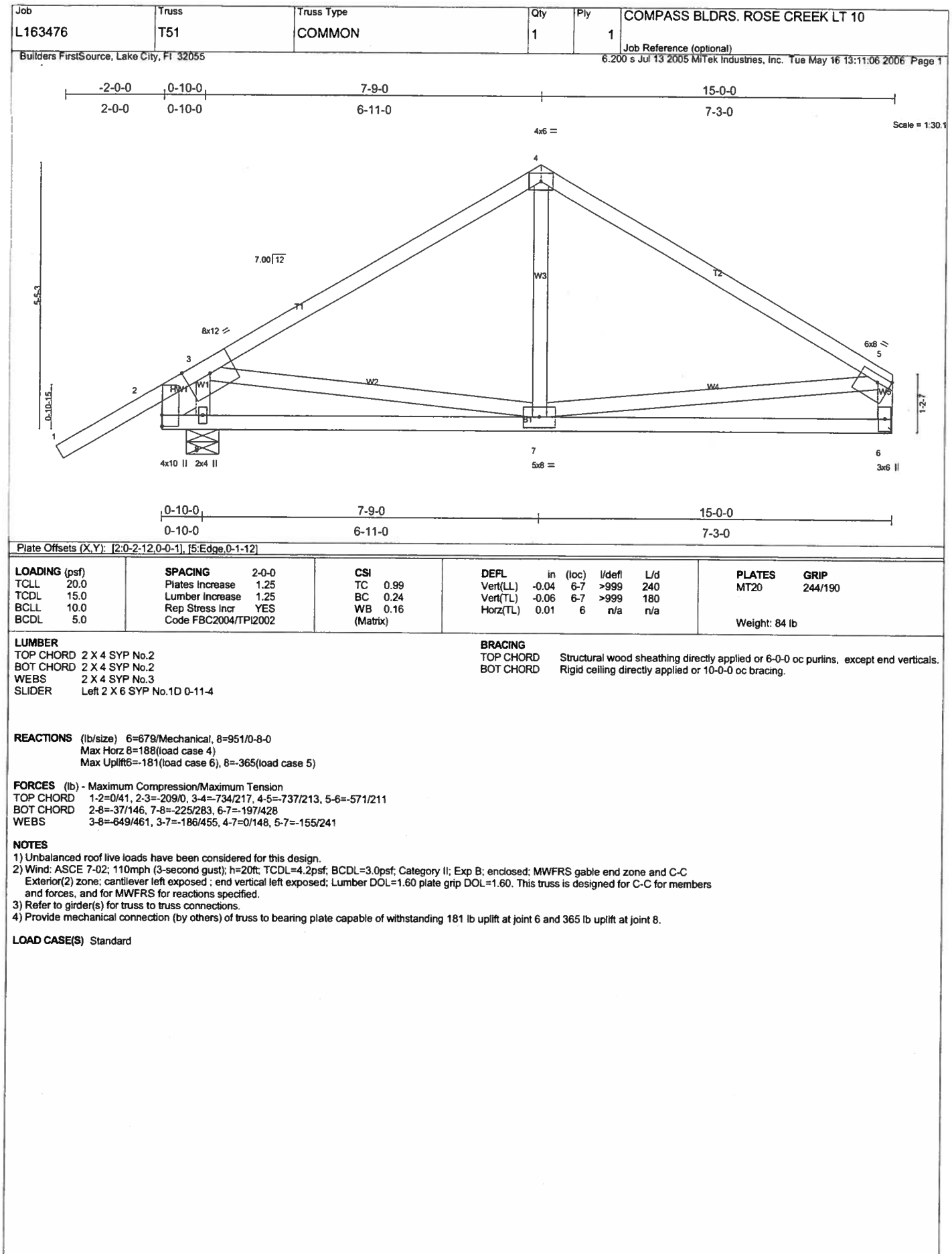
Concentrated Loads (lb)
Vert: 3=132(F) 8=28(F) 2=37(F) 9=8(F) 1=-39(F) 10=220(F) 11=25(F) 12=65(F) 13=52(F) 14=84(F) 15=197(F)

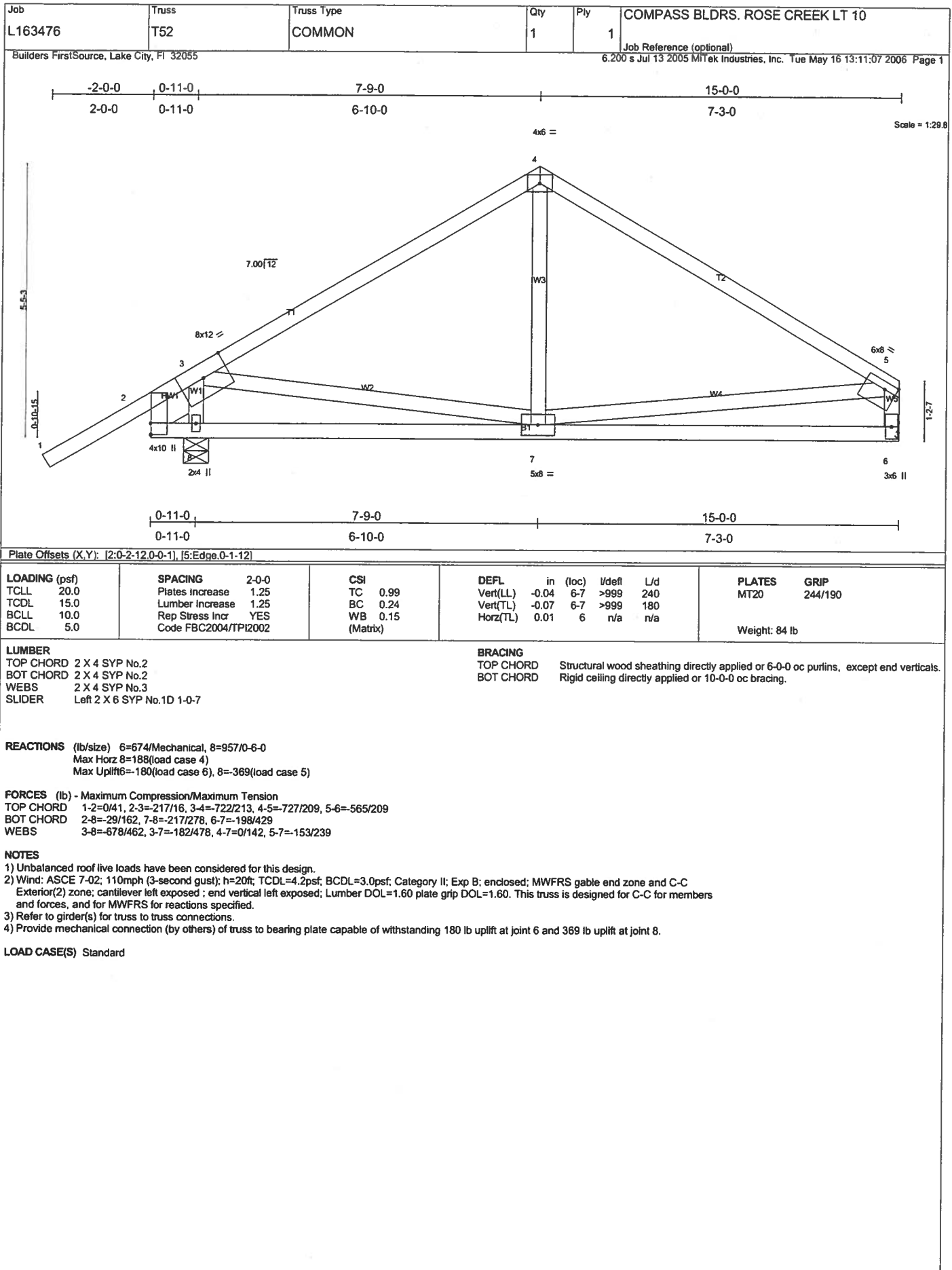
7) MWFRS 4th Wind Parallel: Lumber Increase=1.60, Plate Increase=1.60

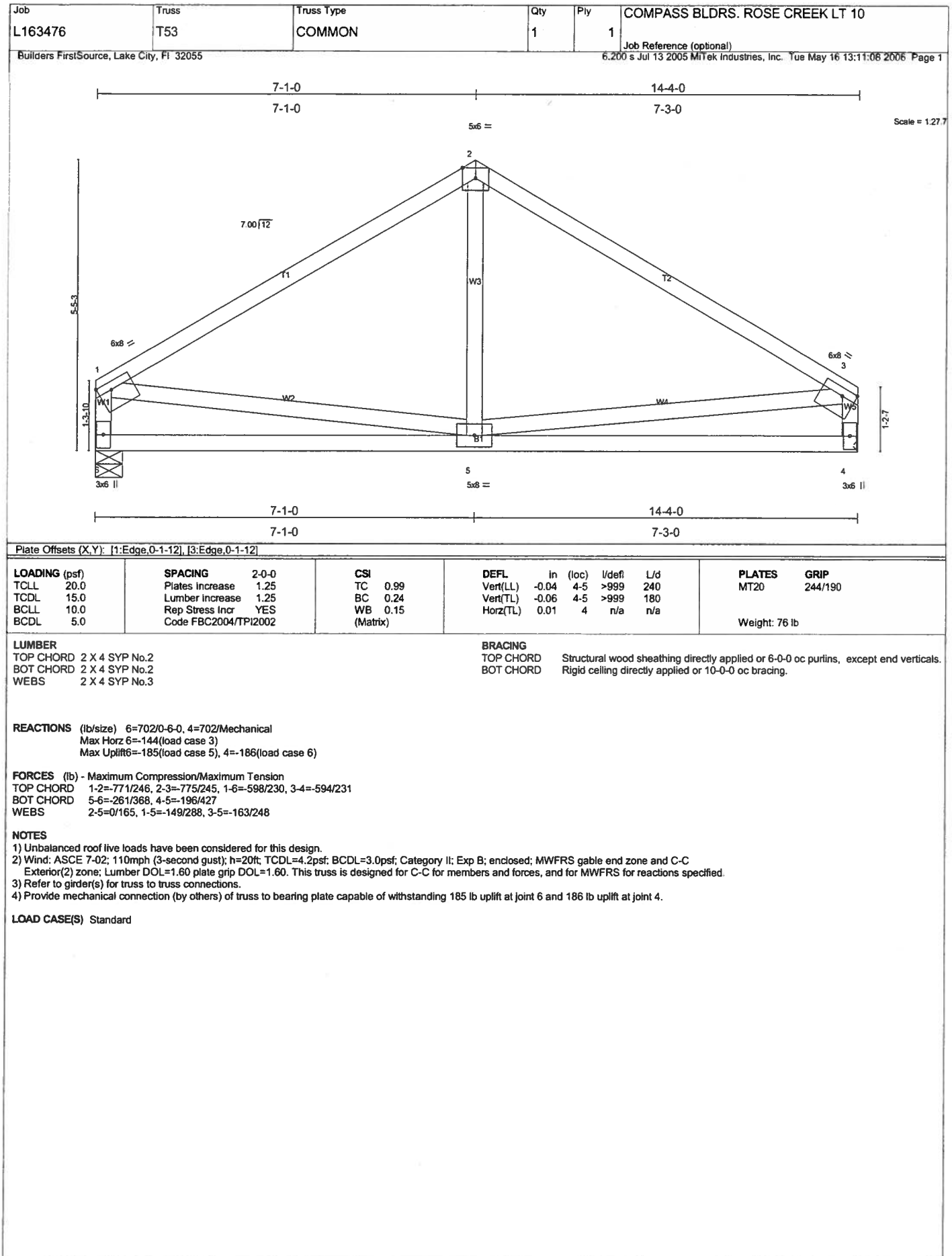
Uniform Loads (plf)
Vert: 1-3=12, 3-4=94(F=82), 1-15=19, 5-15=39(F=20)
Horz: 1-3=-20
Drag: 3-4=-0(F=0)

Concentrated Loads (lb)
Vert: 3=111(F) 8=24(F) 2=31(F) 9=7(F) 1=-33(F) 10=220(F) 11=25(F) 12=55(F) 13=43(F) 14=71(F) 15=165(F)









Job L163476	Truss T54	Truss Type COMMON	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
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Builders FirstSource, Lake City, Fl 32055

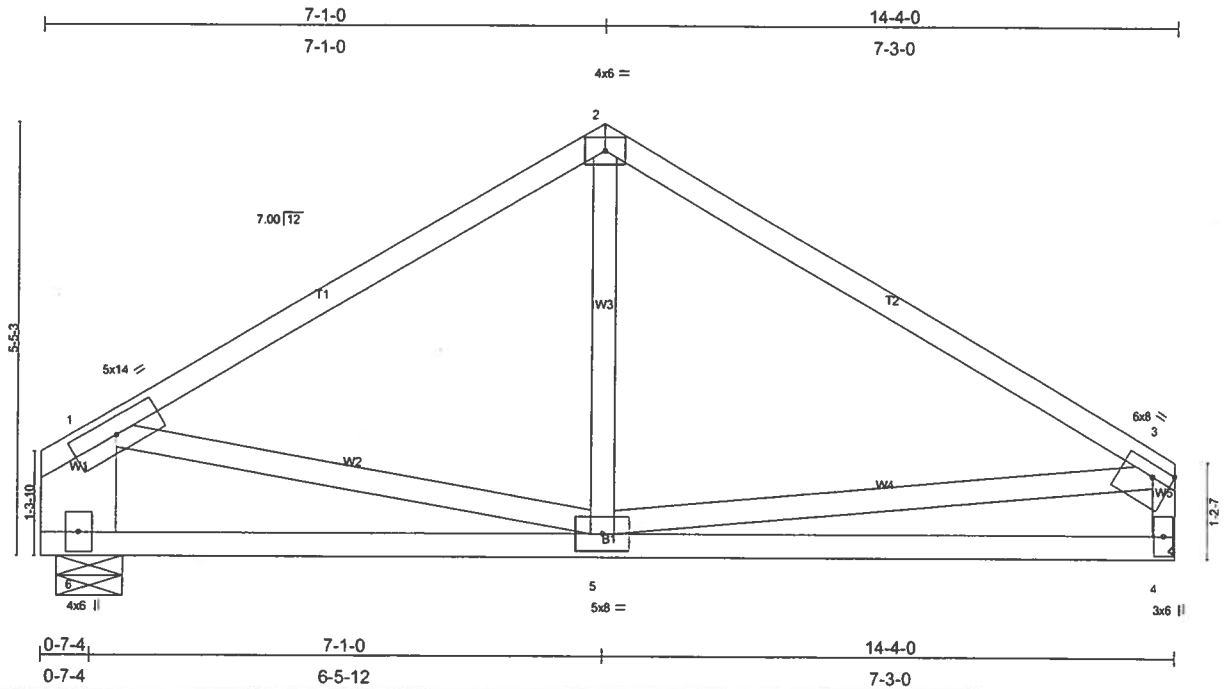
Job Reference (optional)
6.200 s Jul 13 2005 Mittek Industries, Inc. Tue May 16 13:11:08 2006 Page 1

Plate Offsets (X,Y): [3:Edge,0-1-12]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.99	Vert(LL)	-0.04	4-5	>999	240	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.24	Vert(TL)	-0.07	4-5	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.14	Horz(TL)	0.01	4	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002								
								Weight: 80 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*
 W1 2 X 12 SYP No.2

BRACING

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

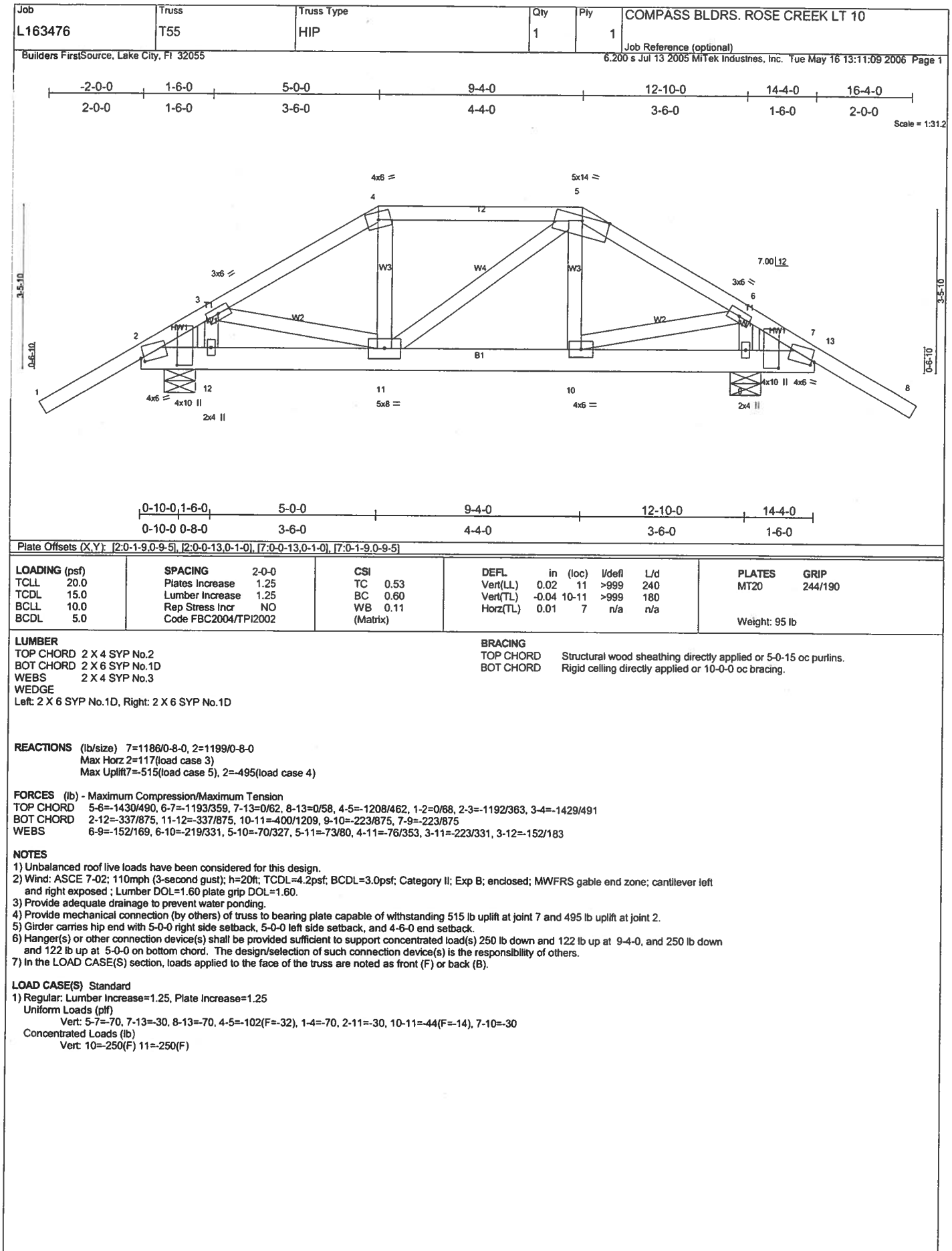
REACTIONS (lb/size) 6=686/0-10-0, 4=686/Mechanical
 Max Horz 6=-143(load case 3)
 Max Uplift 6=-180(load case 5), 4=-182(load case 6)

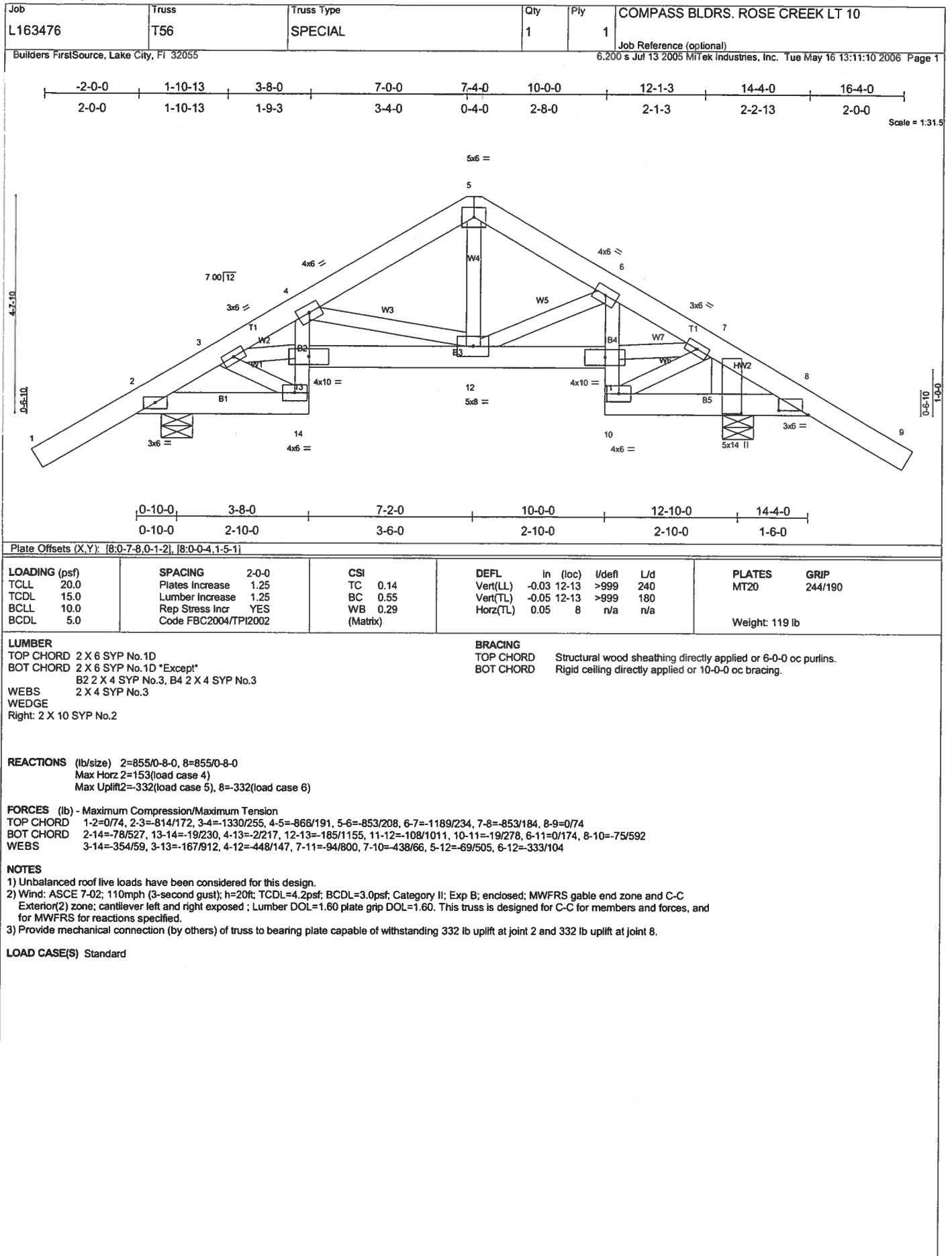
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-735/240, 2-3=-745/235, 1-6=-587/228, 3-4=-577/226
 BOT CHORD 5-6=-239/307, 4-5=-198/431
 WEBS 2-5=0/157, 3-5=-155/230, 1-5=-140/306

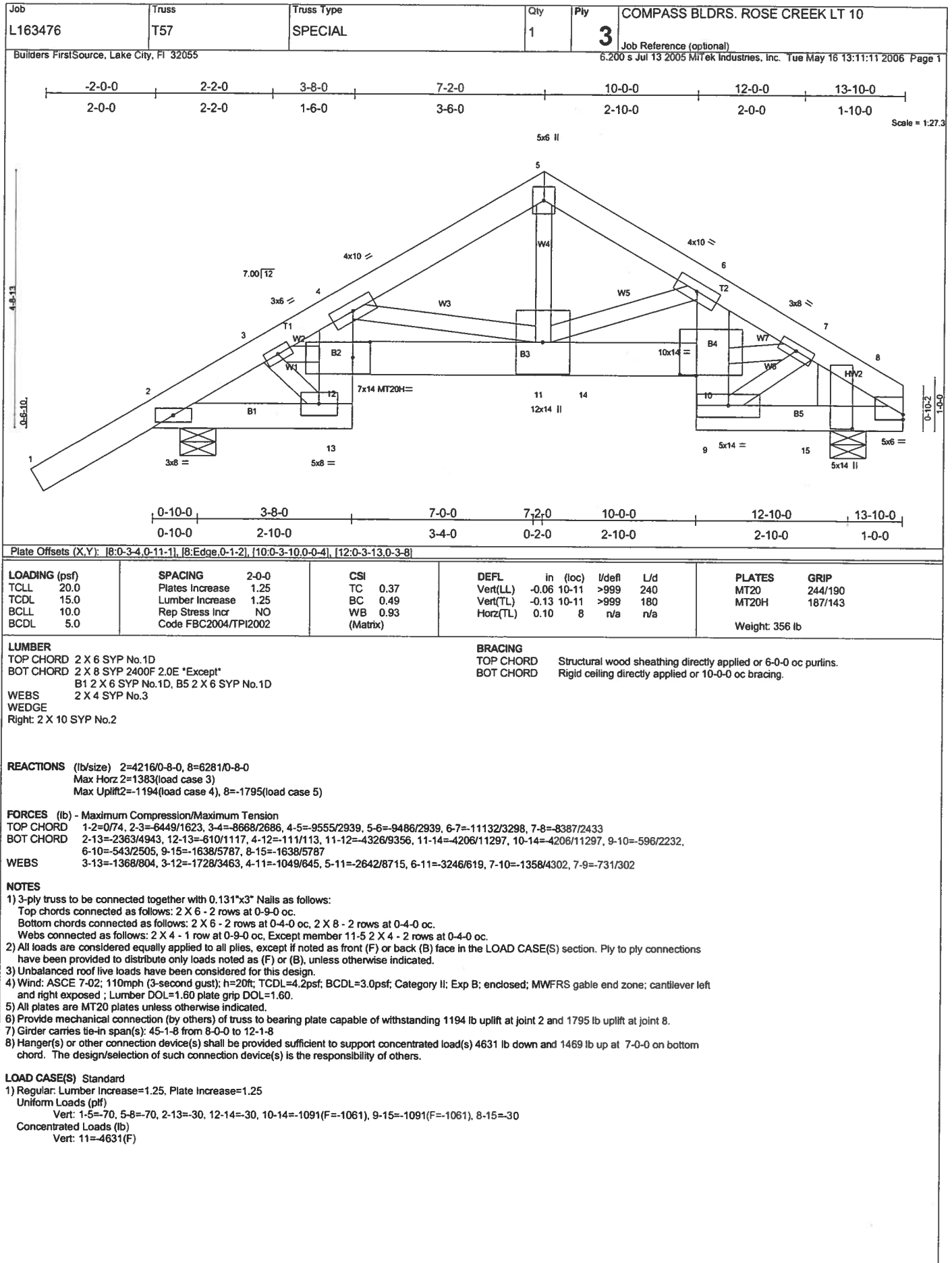
NOTES

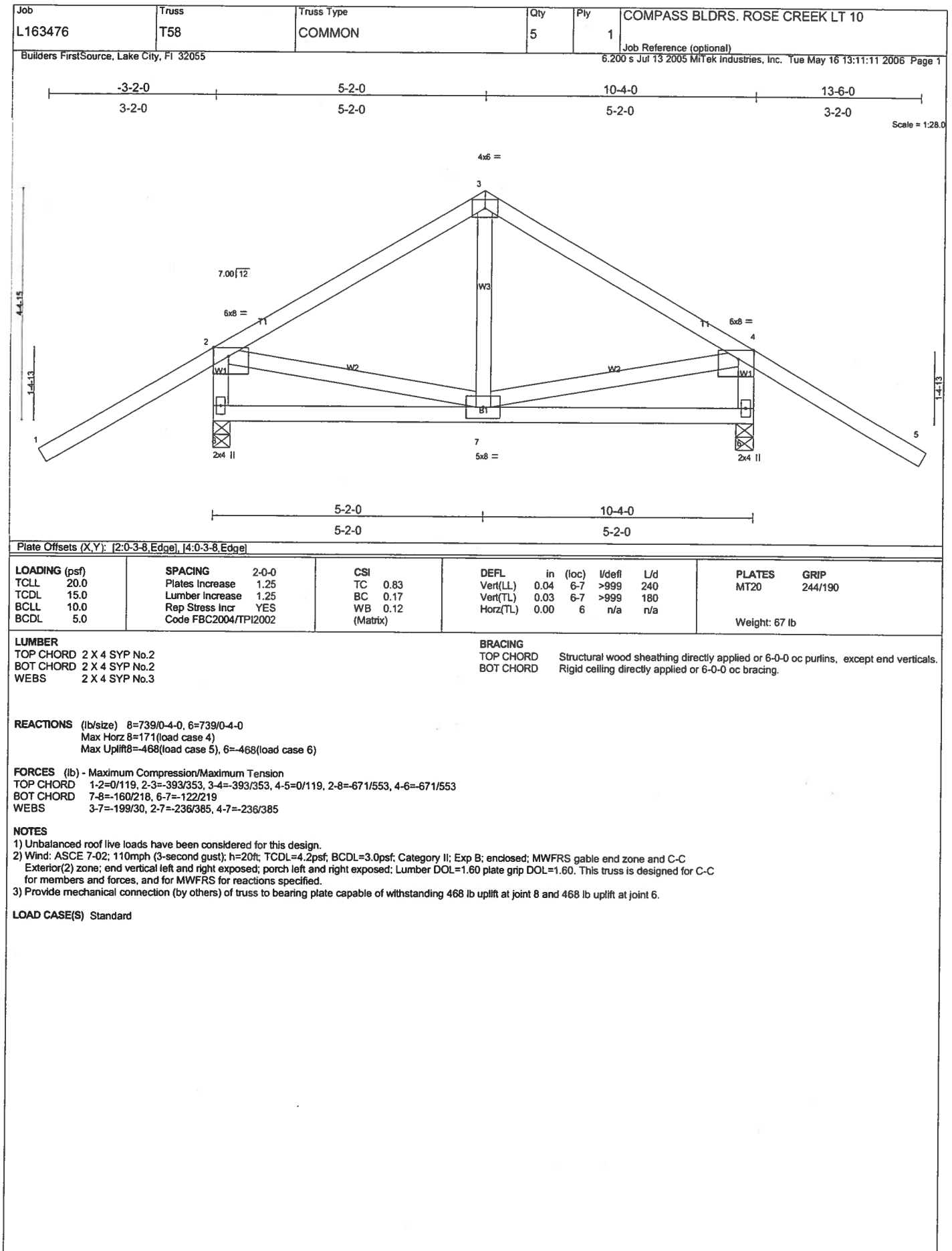
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 180 lb uplift at joint 6 and 182 lb uplift at joint 4.

LOAD CASE(S) Standard









Job L163476	Truss T58G	Truss Type COMMON	Qty 1	Ply 1	COMPASS BLDRS. ROSE CREEK LT 10
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Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:11:12 2006 Page 1

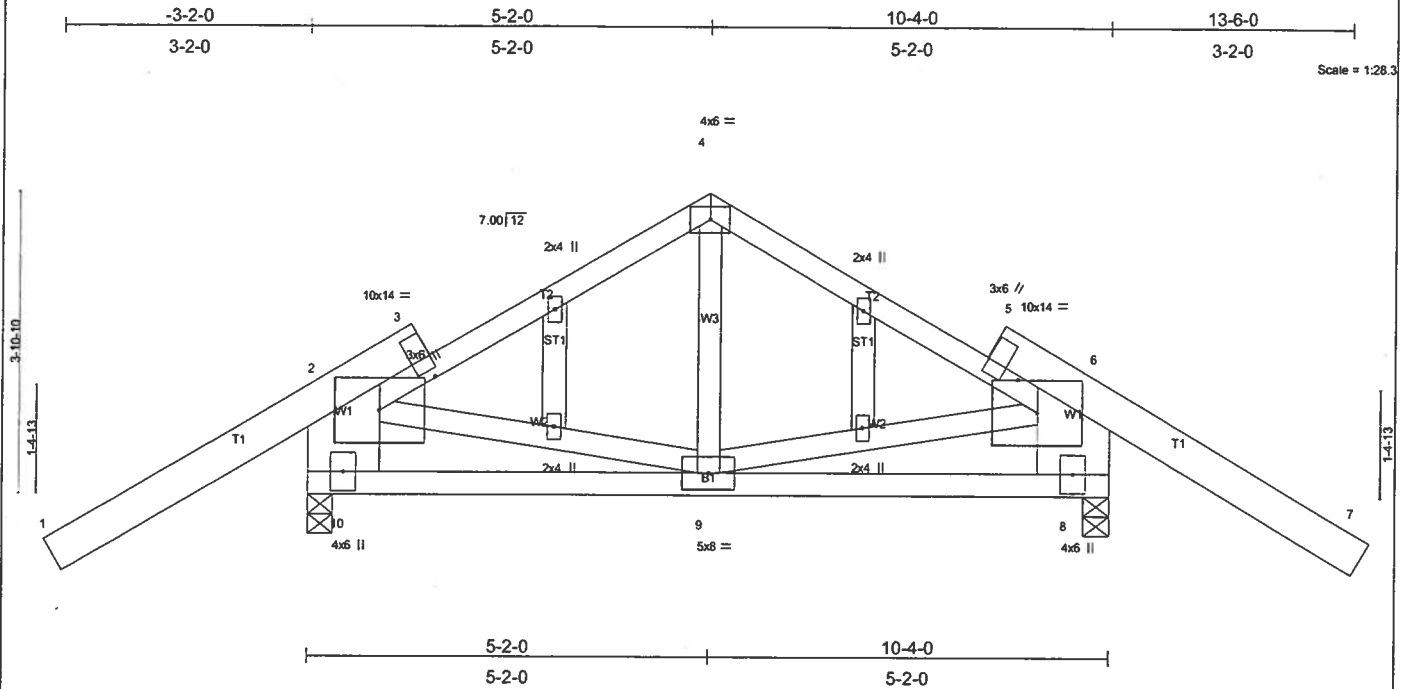


Plate Offsets (X,Y): [6:4-2-15.6-5-12], [6:0-2-14,0-5-3]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.67	Vert(LL) 0.02	8-9	>999	240	MT20	244/190
TCDL 15.0	Plates Increase 1.25	BC 0.20	Vert(TL) 0.02	8-9	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.18	Horz(TL) 0.01	8	n/a	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 89 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except*
T1 2 X 6 SYP No.1D, T1 2 X 6 SYP No.1D
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1 2 X 12 SYP No.2, W1 2 X 12 SYP No.2
OTHERS 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) 10=1239/0-4-0, 8=1239/0-4-0
Max Horz 10=151(load case 4)
Max Uplift 10=-767(load case 5), 8=-767(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-83/228, 2-3=-458/398, 3-4=-444/414, 4-5=-444/414, 5-6=-458/398, 6-7=-83/228, 2-10=-1168/1012, 6-8=-1168/1012
BOT CHORD 9-10=-255/355, 8-9=-255/355
WEBS 4-9=-122/21, 2-9=-431/552, 6-9=-431/552

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; end vertical left and right exposed; 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 studs spaced at 2-0-0 oc.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 767 lb uplift at joint 10 and 767 lb uplift at joint 8.
- 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: 1-2=-130(F=-60), 2-4=-130(F=-60), 4-6=-130(F=-60), 6-7=-130(F=-60), 8-10=-30

Job L163476	Truss T59	Truss Type JACK	Qty 1	Ply 2	COMPASS BLDRS. ROSE CREEK LT 10
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 16 13:11:13 2006 Page 1		

Scale = 1.336

Plate Offsets (X,Y): [6:0-3-8,0-3-0]									
LOADING (psf)		SPACING		CSI		DEFL		PLATES GRIP	
TCLL	20.0	Plates Increase	1.25	TC	0.69	in (loc)	l/defl	L/d	MT20 244/190
TCDL	15.0	Lumber Increase	1.25	BC	0.26	Vert(LL)	-0.02 5-6 >999	240	
BCLL	10.0	Rep Stress Incr	NO	WB	0.26	Vert(TL)	-0.04 5-6 >999	180	
BCDL	5.0	Code FBC2004/TP12002		(Matrix)		Horz(TL)	0.00 5 n/a	n/a	
									Weight: 142 lb

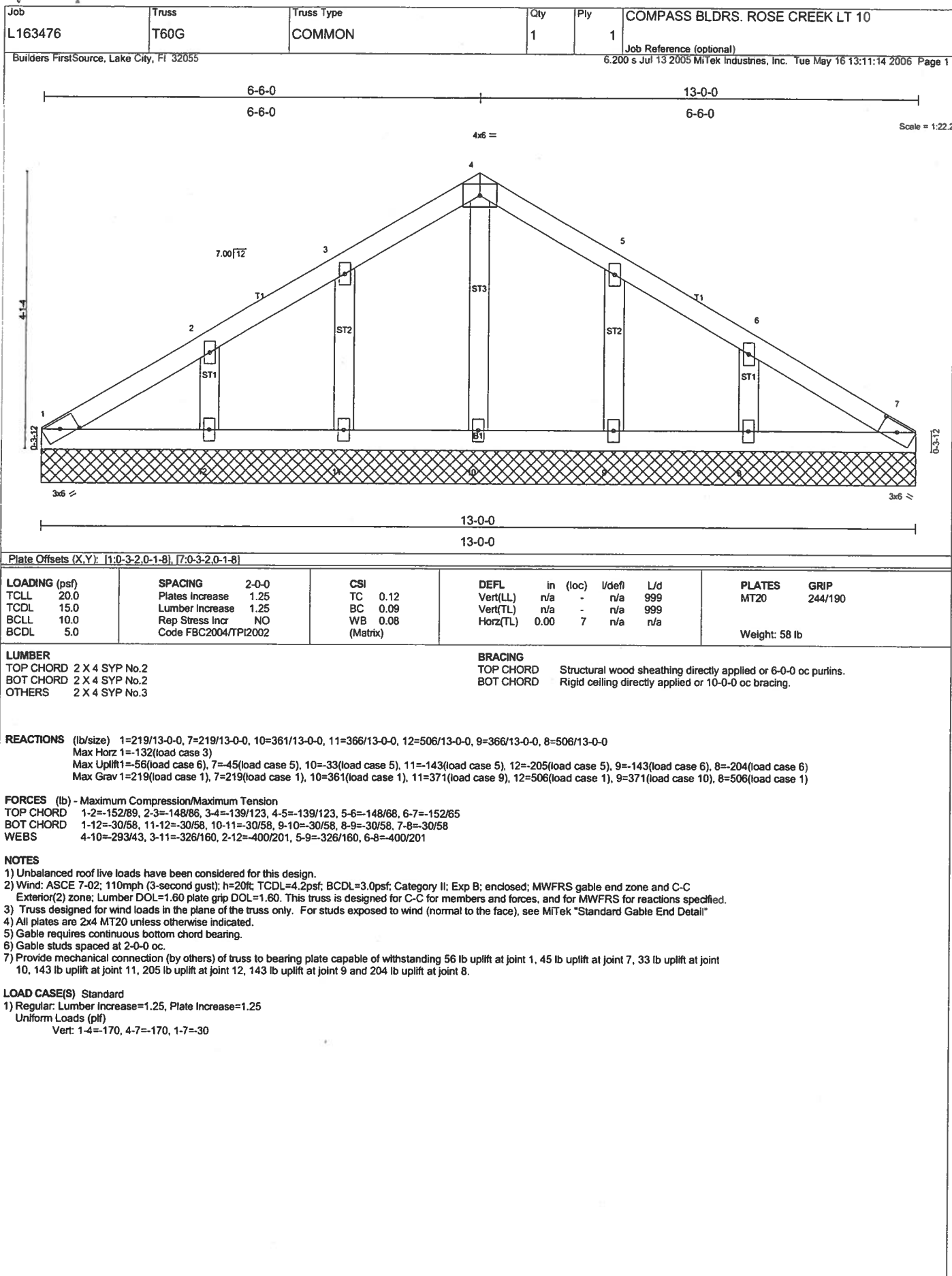
LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.2	TOP CHORD	Structural wood sheathing directly applied or 6'-0-0 oc purlins, except end verticals.
BOT CHORD	2 X 6 SYP No.1D	BOT CHORD	Rigid ceiling directly applied or 10'-0-0 oc bracing.
WEBS	2 X 4 SYP No.3	WEBS	1 Row at midpt 3-5

REACTIONS (lb/size) 7=1887/0-8-0, 5=1896/Mechanical
 Max Horz 7=284(load case 4)
 Max Uplift 7=372(load case 4), 5=-596(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-7=-1161/230, 1-2=-1682/289, 2-3=-122/42, 3-4=-4/0, 3-5=-147/116
 BOT CHORD 6-7=-421/514, 5-6=-440/1377
 WEBS 1-6=-159/882, 2-6=-328/1559, 2-5=-1739/552

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 0-9-0 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) 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; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 4) Refer to girder(s) for truss to truss connections.
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 372 lb uplift at joint 7 and 596 lb uplift at joint 5.
 6) Girder carries tie-in span(s): 14-4-0 from 0-0-0 to 9-10-8

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-70, 3-4=-30, 5-7=-330(B=-300)



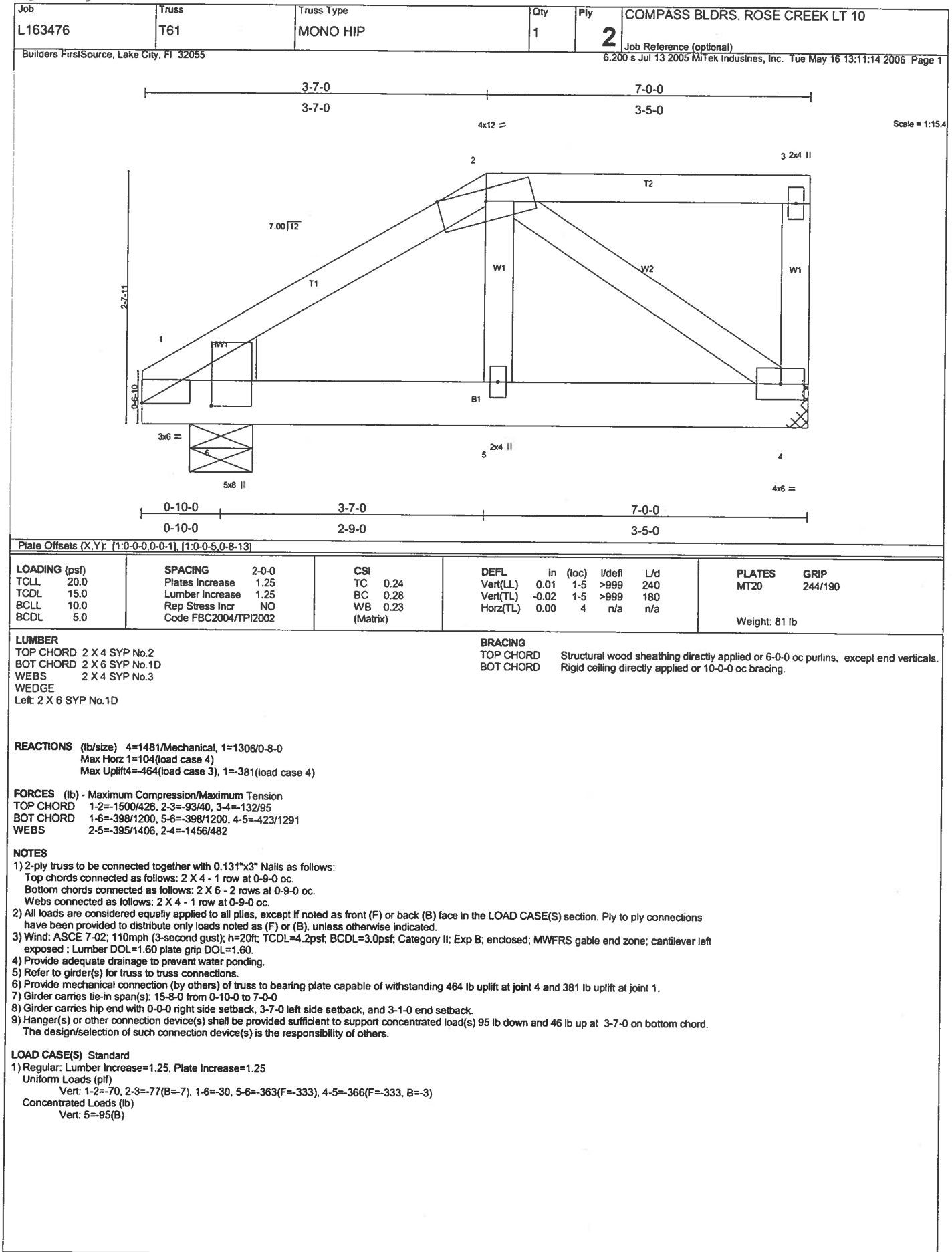
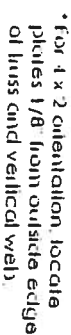
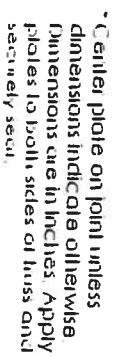


PLATE LOCATION AND ORIENTATION



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



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



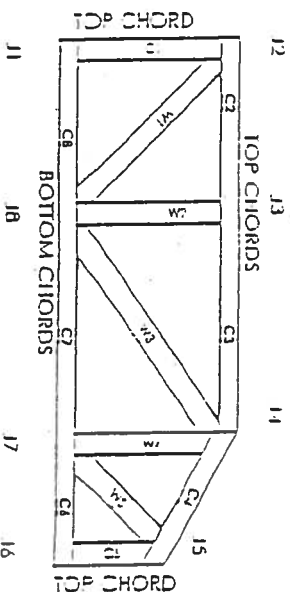
LATERAL BRACING



HEARING



Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTION PLATE CODE APPROVALS

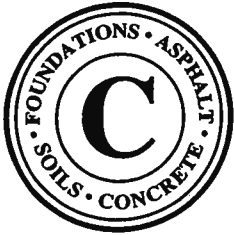
BOCA	96-31, 96-67
ICBO	3907, 4922
SBCCI	9657, 9432A
WISC/DHHR	960022-W, 970036-H
NER	561



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. Cui members to bear rigidly 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 the rebracket or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabrication. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum, plotting 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 pultrus provided at spacing shown on design.
11. Bottom chords require lateral bracing at 11 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 overhead 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.



Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

July 20, 2006

Compass Builders
197 S. W. Waterford Court, Suite 106
Lake City, Florida 32025

Attention: Jake Kirsch

Reference: Proposed Residence
204 S. W. Stoneridge Drive
Columbia County, Florida
Permit No. 24655
Cal-Tech Project No. 06-421

Dear Mr. Kirsch,

At your request, Cal-Tech Testing, Inc. has performed a physical examination of clayey soils encountered in the footing cuts of the proposed residence. Laboratory testing of two samples of these clayey soils found them to contain about 42% clay and to have a plasticity index on the order of 20%. In our opinion these soils are slightly to moderately active. Laboratory test results are attached. Based upon these findings further investigation of the site was requested.

The purposes of our investigation were to examine the clayey soils encountered at the site, and to provide recommendations for remediation and/or site preparation based upon our findings.

Site Investigation

The subsurface conditions were investigated by performing three Standard Penetration test borings advanced to depths of 10 feet. The borings were performed as near as practical to the existing foundation cuts. Boring locations are identified approximately on the attached drawing.

Findings

The soil borings generally encountered two soil strata. The first layer consists of about 1 foot of tannish gray sand with silt or clay (SP/SM, SP/SC).

The second layer consists of an undetermined thickness of loose to dense, generally gray, orange and red clayey sand (SC). Groundwater was not encountered at any boring location at the time of our investigation.

Discussion and Recommendations

Estimates of the percentage of clay in the layers of clayey soil encountered are indicated on the attached boring logs. These findings indicate the clay content of the bearing soils generally decreases with depth.

Based upon our findings, we recommend foundations in the areas of clayey soil be placed slightly deeper than originally proposed. Specifically, we recommend foundations in the areas of clayey soil be placed a minimum of 2.5 feet below the existing surface grade. Bearing soils below a depth of about 2.5 feet appear generally to have a clay content less than about 35%, and it is likely these soils are less active significantly reducing the likelihood detrimental foundation movement will occur.

Deeper placement of the foundations should not be required in those portions of the site for which sandy soils are present.

We appreciate the opportunity to be of service on this project, and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.



Linda Creamer
President / CEO



John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

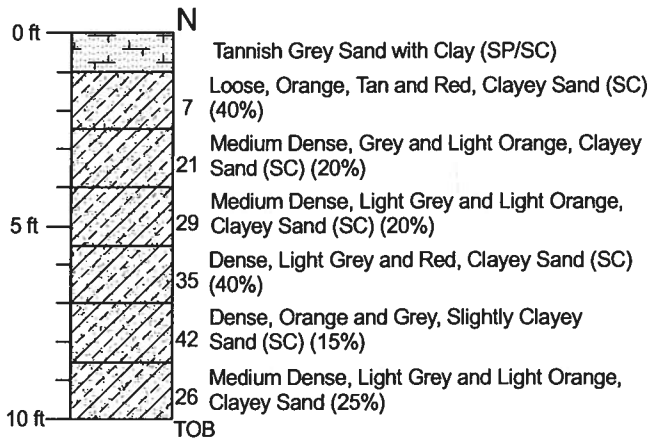
7/20/06
52612

B-1

Water Table: N/A

Depth (ft)

Soil Description



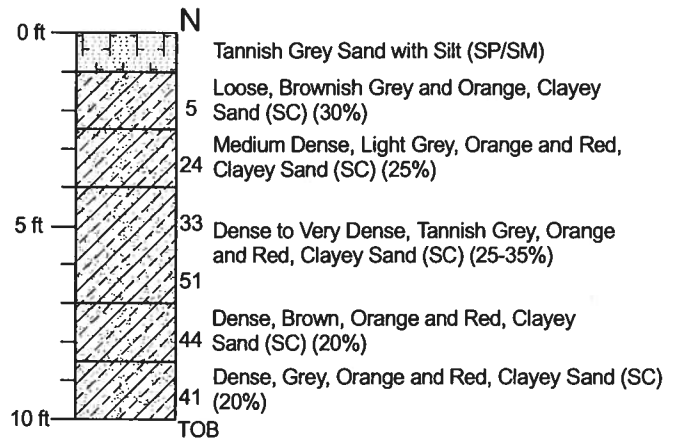
Values in Parentheses are Estimates of Clay Content

B-2

Water Table: N/A

Depth (ft)

Soil Description



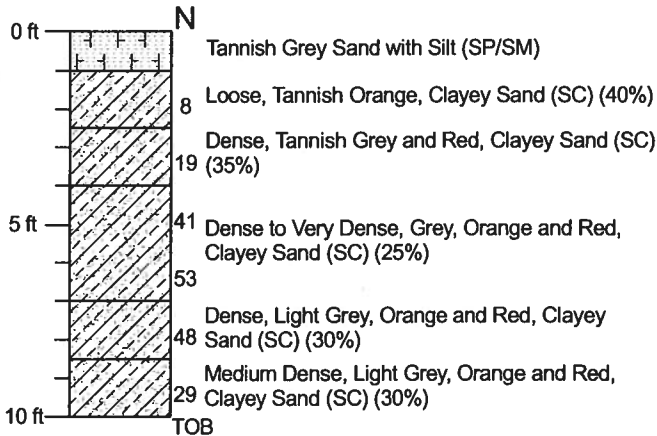
Values in Parentheses are Estimates of Clay Content

B-3

Water Table: N/A

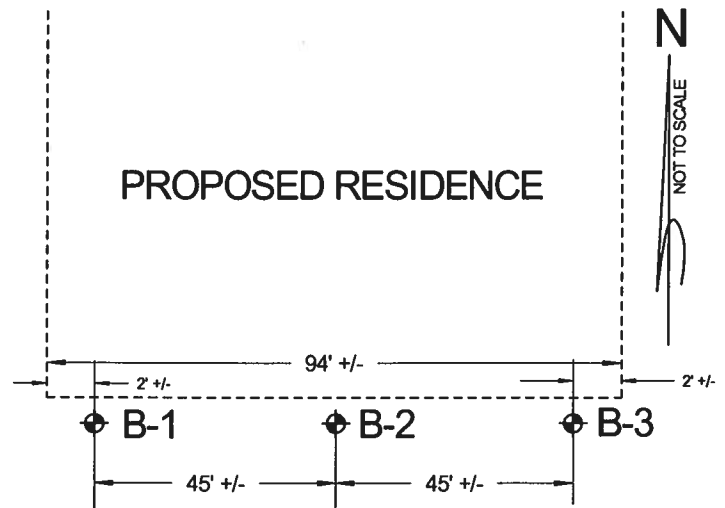
Depth (ft)

Soil Description



Values in Parentheses are Estimates of Clay Content

PROPOSED RESIDENCE



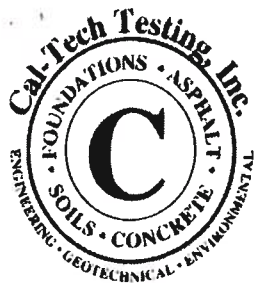
PROPOSED RESIDENCE
ROSE CREEK SUBDIVISION

REPORT OF SOIL BORINGS

DRAWN BY:	CHECKED BY:	DATE	JOB NO.
S.C. YOUNG	J.C. DORMAN	7/13/06	06-421

SHEET NO.

1 of 1



Cal-Tech Testing, Inc.

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 • Geotechnical 4784 Rosselle Street • Jacksonville, FL 32254
 • Environmental 2230 Greensboro Highway • Quincy, FL 32351
LABORATORIES

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SUMMARY OF LABORATORY TEST RESULTS

PROJECT: Proposed Residence

204 SW Stoneridge Drive

CLIENT: Compass Builders

JOB NO.: 06-421

REPORT NO.: 1

DATE: 07/20/06

BORING NO.	SAMPLE DEPTH (ft.)	SOIL DESCRIPTION	SAMPLE TYPE*	NATURAL MOISTURE (%)	ATTERBERG LIMITS		COEFFICIENT OF PERMEABILITY (feet/day)	SIEVE ANALYSIS (% passing)						AASHTO SOIL CLASSIFICATION	UNIFIED SOIL CLASSIFICATION
					LIQUID LIMIT (%)	PLASTICITY INDEX (%)		No. 4	No. 10	No. 40	No. 60	No. 100	No. 200		
SE	G	Grey & Orange Clayey Sand			37	20.4							42		SC
SW	G	Grey & Orange Clayey Sand			35	18.5							42		SC

*SS- Split Spoon
 ST- Shelby Tube
 A- Auger
 G- Grab

Reviewed By:

Date:

7/20/06

Florida Registration No.:

52612

COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 01-5S-16-03406-110

Building permit No. 000024655

Use Classification SFD, UTILITY

Fire: 6.42

Permit Holder JAKE KIRSCH

Waste: 16.75

Owner of Building JOSH & DANNETTE NICKELSON

Total: 23.17

Location: 204 SW STONEBRIDGE DR, LAKE CITY, FL 32024

Date: 09/11/2009



Harry Dickel

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

BEARING HEIGHT SCHEDULE

10'-0"

12'-0"

14'-0"

18'-0"

OVERHANG 2'-0"
ROOF PITCH(S) 7/12
HANGER SCHEDULE

(45) THUS
(4) HGIS26-2
(1) HGIS28-2
(1) THAS218

NOTES:

- 1) REFER TO HB 91 RECOMMENDATIONS FOR HANGING INSTALLATION AND TEMPORARY BRACING. REFER TO ENGINEER DRAWINGS FOR PERMANENT BRACING REQUIRED.
- 2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL VARY FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2 C.G. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
- 6) 5/16" TRUSSES MUST BE INSTALLED WITH THE TOP BEARING UP.
- 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUBS UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON TH4422 UNLESS OTHERWISE NOTED.
- 8) BEARING ADJUSTMENT (BAR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VARIOUS ALL PREVIOUS ARCHITECTURAL OR OTHER DIMENSIONS, EITHER AND ANYHOW, OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO MAKE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Accepted By _____ Date _____
Signature _____

Builders
FirstSource
Bunnell

PHONE: 904-437-3349 FAX: 904-437-3994
PHONE: 904-772-6100 FAX: 904-772-1973
PHONE: 904-755-6844 FAX: 904-755-7973
PHONE: 407-322-0059 FAX: 407-322-9553

BUILDER: COMPASS BUILDERS

LEGAL ADDRESS: ROSE CREEK LOT 10

MODEL: CUSTOM

DATE: 5/16/06

DRAWN BY: BPC

